

>>>Unrecognizable Command

? 635

>>>Unrecognizable Command

? b 9, 160, 485, 623, 275, 674, 635

```
17sep09 08:54:44 User290593 Session D47.2
$5.07      0.909 DialUnits File15
$5.07 Estimated cost File15
$0.14 INTERNET
$5.21 Estimated cost this search
$6.01 Estimated total session cost 1.160 DialUnits
```

```
SYSTEM:OS - DIALOG OneSearch
File 9:Business & Industry(R) Jul/1994-2009/Sep 16
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 485:Accounting & Tax DB 1971-2009/Sep W1
(c) 2009 ProQuest Info&Learning
File 623:Business Week 1985-2009/Sep 17
(c) 2009 The McGraw-Hill Companies Inc
File 275:Gale Group Computer DB(TM) 1983-2009/Aug 18
(c) 2009 Gale/Cengage
File 674:Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications
*File 674: File 674 is closed (no longer updates).
File 635:Business Dateline(R) 1985-2009/Sep 16
(c) 2009 ProQuest Info&Learning
```

```
Set  Items  Description
---  -
-----
```

? s display? or view? or GUI or (graphical (w) user (w) interface? ?)

```
425840 DISPLAY?
817033 VIEW?
30848  GUI
71409  GRAPHICAL
608410 USER
399021 INTERFACE? ?
27397  GRAPHICAL(W)USER(W)INTERFACE? ?
S1 1174066 DISPLAY? OR VIEW? OR GUI OR (GRAPHICAL (W) USER (W)
INTERFACE? ?)
```

? s overlay? ? or (pop (w) up (w) screen? ?)

```
19071  OVERLAY? ?
96409  POP
```

```
3868435 UP
353216 SCREEN? ?
432 POP (W) UP (W) SCREEN? ?
S2 19494 OVERLAY? ? OR (POP (W) UP (W) SCREEN? ?)
```

? s (second (w) party) or (analyst? ?) or (broker? ?) or csr or (customer (w) service (w) rep?)

Processing

Processing

Processing

```
1262614 SECOND
323642 PARTY
375 SECOND (W) PARTY
806223 ANALYST? ?
291902 BROKER? ?
3584 CSR
891558 CUSTOMER
3117033 SERVICE
3995364 REP?
10922 CUSTOMER (W) SERVICE (W) REP?
S3 1068851 (SECOND (W) PARTY) OR (ANALYST? ?) OR (BROKER? ?) OR CSR
OR (CUSTOMER (W) SERVICE (W) REP?)
```

? s similar or identical or same

```
734846 SIMILAR
56677 IDENTICAL
1513389 SAME
S4 2013683 SIMILAR OR IDENTICAL OR SAME
```

? s view or (web (w) page? ?) or (account (w) screen? ?)

```
499424 VIEW
848473 WEB
543344 PAGE? ?
74047 WEB (W) PAGE? ?
535529 ACCOUNT
353216 SCREEN? ?
42 ACCOUNT (W) SCREEN? ?
S5 560048 VIEW OR (WEB (W) PAGE? ?) OR (ACCOUNT (W) SCREEN? ?)
```

? s4 (s) s5

```
2231988 4
560048 S5
S6 24064 4 (S) S5
```

>>> Retrying request [1]

? s1 and s2 and s3 and s6

```
3809365 1
19494 S2
1068851 S3
24064 S6
S7      46 1 AND S2 AND S3 AND S6
```

? rd

```
S8      41 RD (unique items)
```

? s s8 not pd>= 19990810

Processing

```
41 S8
5390955 PD>=19990810
S9      24 S8 NOT PD>= 19990810
```

? t s9/medium,k/all

9/K/1 (Item 1 from file: 9)
DIALOG(R)File 9: Business & Industry(R)
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01115344 Supplier Number: 23689336 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Oak Ridge National Laboratory Develops GISST Data Server
(Oak Ridge National Laboratory has developed the Geographic Information
Systems and Spatial Technologies (GISST) World Wide Web server)

Geo Info Systems , v 6 , n 11 , p 32+
November 1996

Document Type: Journal **ISSN:** 1051-9858 (United States)
Language: English **Record Type:** Fulltext
Word Count: 3330 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...has divided ORR and the surrounding area into a matrix of tiles. Each
tile is 1 ,750 meters on a side. The GISST raster data for each tile is
an 8...

...snapshot of vectors of that tile. An example of this feature is shown in Figure 4 . Once users are satisfied that the correct tile, format, coordinate system, and theme have been selected, they can choose data sets to either view or download. A list of hypertext choices is found on the bottom half of Figure...

...MapInfo. These ASCII files provide their respective software package with registration information so that vectors overlay correctly.

IMPLEMENTATION

A number of detailed programming techniques and system configurations had to be developed...

...The GISST server is currently hosted on a networked Sun SPARCstation 5 (Sun Microsystems, Mountain View , California) workstation running the SunOS 4 . 1 . 4 operating system. The GISST server implements the Netscape Communications Server (version 1 . 1) Hypertext Transfer Protocol (HTTP) version 1 . 3 software, which allows networked computers to communicate under a client-server relationship. The WWW...

...currently recognize or display vector data. ArcView may provide a mechanism to dynamically process and overlay vector coverages as a user-transparent task to help vector display.

The GISST host is...

...in a standardized form, has become very popular within the ORR community, averaging more than 1 ,000 "hits" per week. Additional information about ORNL's GISST group can be found on...

...article.

Peter J. Pace is a research associate and Thomas K. Evers is a programmer -- analyst with Oak Ridge National Laboratory (Oak Ridge, Tennessee). Pace holds M.S. degrees from Johns...

9/K/2 (Item 1 from file: 485)

DIALOG(R)File 485: Accounting & Tax DB

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**** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 ****

00653216

Cyberspace transactions present interesting international, state and local tax issues

Levey, Marc M; O'Donnell, Thomas A; Powers, J Pat

Tax Executive v49 n6 pp: 476-486 Nov/Dec 1997

ISSN: 0040-0025 Journal Code: TXE

Document Type: Journal article

Language: English Special Feature: References CODEN: DCAC

Word Count: 9787 Line Count: 890

Abstract:

The myriad transactions that can be effected through the Internet give rise to a host international tax issues that must be addressed to determine which jurisdictions may tax the transaction, and what rules will govern the determination of the amount of tax. It electronic becomes a significant portion of global commerce, it will place pressure on the previously developed international consensuses on taxation of international transactions and investments. Traditional understanding of how income should be sourced are less satisfying in the electronic marketplace.

Geographic Names: US

Descriptors: Electronic commerce; International law; Tax treaties;

Taxation; State taxes ; Tax revenues Accounting & Tax DB_1971-2009/Sep W1

Supplier Number: Text:

...e.g., digital information).³

The proposed regulations treat transactions involving computer programs as either (1) transfers of copyrights; (2) transfer of copyrighted articles; (3) the provision of services for developing...

...provision of know-how regarding computer programming techniques. Copyrights are defined as the right to (1) make copies of the computer program for purposes of distribution to the public by sale...an "independent agent." In the typical case, the ISP will be analogous to an independent broker with myriads of "principals" for any one of whom it is not dependent either legally...S. office or other place of business if that office or fixed place of business (1) is a material factor in the production of that income and (2) regularly carries on...
...with the technology of electronic commerce.¹⁵ The focus of Treasury's concern was for (1) electronic money, (2) identity verification, (3) recordkeeping and transaction verification for electronic transactions, and (4...of income and source of income remain key considerations in the state context. Nevertheless, various overlays of constitutional law and federalism frame these issues in the state context. To date, most...
Occupation tax classification of selected business services. The current rate is 2 percent until July 1 , 1998, when it will drop to 1 .5 percent. Massachusetts The Massachusetts DOR recently decided to apply a five-percent telecommunications service...the cork must be replaced regularly.

Footnote:

*Notes appear on page 486.

Footnote:

Notes

Footnote:

1 See U.S. DEPARTMENT OF TREASURY, OFFICE OF TAX POLICY, SELECTED TAX POLICY IMPLICATIONS OF...

...Regs Classifying Transfers of Computer Programs, TAX NOTES 83 (Jan. 6, 1997). 2 Prop. Reg. 1 .861-18, 61 Fed Reg. 58, 151 (Nov. 13, 1996). 3 See generally Shapiro, Lost...

...sec 861 Computer Software Regulations, 5 TAX MGMT TRANSFER PRICING REP. 495 (Dec. 11, 1996). 4 Treas. Reg. 1 .861-18(b)(1) and (h). 5 Compare

Treasury White Paper 7.3.3 at 23. fi To further complicate issues, some tax authorities view the license or sale of software as neither a good nor an intangible, but rather...

...See I.R.C. 871(b) and 882(a). lz I.R.C. 954(e).

1 Treasury White Paper 7. 1 . 1 at 15. 14 Treasury White Paper 7.3.5 at 25.

Footnote:

1S Even for...

...laws of a tax haven to avoid taxation anywhere. s Treasury White Paper 7.4. 1 at 23.

1S See Taisei Fire & Marine Ins. Co. v. Commissioner, 104 T.C. 107...
...al., Comments to Department of Treasury Discussion Paper, at 16, 97 TNT 176-43 (Tax Analysts Reference) (May 15, 1997).

25 de Amodio v. Commissioner, 34 T.C. 894 (1960), aff...

...T.A. 297 (1941), aff'd, 127 F.2d 260 (5th Cir. 1942), nonacq. 1941- 1 C.B. 18. 28 See de Amodio v. Commissioner, 34 T.C. 894 (1960), aff...

...1960), aff'g 30 T.C. 618 (1950). 29 See Rev. Rul. 56-165, 1956- 1 C.B. 849; Handfield v. Commissioner, 23 T.C. 633 (1955). 30 I.R.C. 864.

Footnote:

Treas. Reg. 1 .864-7(d). 32 Treasury White Paper 7.2. 1 n.52. 33 See generally Treas. Reg. 1 .482- 1 , et seq. 34 1994- 1 C.B. 351.

35Treasury White Paper 8. 1 at 26-28. aB Id. at 27.

37 See Cigler, Burritt & Stinnett, supra. 38 White House Report, A Framework for Global Electronic Commerce (July 1 , 1997).

39 Cal. Rev. & Tax. Code 6203(j). 40 112 S. Ct. 1904 (1992). 41...

9/K/3 (Item 2 from file: 485)

DIALOG(R)File 485: Accounting & Tax DB

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**** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 ****

00589267

Why long-term funding is unattractive

Cornwall, Shira

Corporate Finance n141 pp: 12-15 Aug 1996

ISSN: 0958-2053 Journal Code: COF

Document Type: Journal article

Language: English Special Feature: Charts Graphs CODEN: DCAC

Word Count: 2735 Line Count: 249

Abstract:

The UK corporate sector has an increasing requirement for external finance, and the UK government has a significant borrowing requirement. The government is likely to keep real long-term rates high and threatens to crowd out the corporate sector in the capital markets. At the same time, it renders long-term borrowing significantly less attractive than short-term borrowing. The UK government's borrowing spree may crowd out industrial companies from the sterling bond market. While the UK public sector borrowing requirement is falling, it is not falling fast enough. The slope in the sterling yield curve is the real deterrent to locking in to long-term money and the corporate sector threatens to be crowded out by gilt issuance.

Geographic Names: UK

Descriptors: Corporate finance; Public finance; Equity financing; Borrowing; Bond markets; Sterling; Yield Accounting & Tax

DB_1971-2009/Sep W1

Supplier Number: Text:

...interest charges and, in particular, by very strong dividend growth. The latter rose by over 1 %, to 5% of GDP, and this in itself was largely responsible for the decline in...

...some financial pressure even though equity forecasts are quite optimistic. In 1996 and 1997, BZW analysts are looking for earnings growth of 8% and 10% respectively for the FT-SE 100...bank lending to ICCs running at 11.2% in Q4 1995 (M4 data), up from 1 . 1 % in Q1995. This was hardly surprising. Bank finance has been an extremely attractive source of ...

...a benchmark blue-chip UK corporate long-dated bond against the underlying benchmark gilt and overlays the (inverted) ICC financial balance as a percentage of GDP. This highlights the correlation between... that the greatest proportion of sterling bond issuance this year fell in May and June (4 .3 billion in total) -- at a time when international investor interest in the market was...

...European investors in particular were strong buyers of the sterling market based on a currency view and on the wide yield spread differential and the lagging performance of the UK over...

...demand, and of the PEP-ability pricing advantage, to raise 250 million via a 5 1 /2 year Eurosterling bond issue in early May which financed the increase of its stake...

9/K/4 (Item 3 from file: 485)

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**** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 ****

00574411

Integrating desktop GIS into the real estate market analysis: A primer and comparison of available options

Cannon, Susanne Ethridge

Real Estate Finance v13 n1 pp: 21-37 Spring 1996

ISSN: 0748-318X Journal Code: RFN

Document Type: Journal article

Language: English Special Feature: Maps Charts Graphs References

CODEN: DCAC

Word Count: 6254 Line Count: 569

Abstract:

Geographic Information Systems (GIS) automate the process of overlaying maps and permit geographic analysis of data across and between those geographically parallel layers. Desktop GIS has found its way into the offices of real estate brokers, developers, investors, and appraisers. The focus of the GIS software is generally on making maps, but the rules of data analysis still apply. The user should: 1. Look at the data. 2. Calculate summary statistics. 3. Aggregate the data. 4. Graph it. 5. Map it. Five GIS programs are described: 1. ESRI's ArcView2, 2. Strategic Mapping Inc.'s Atlas GIS, 3. MapInfo Corp.'s MapInfo, 4. Caliper Corp.'s Maptitude, and 5. ScanUS' ScanUS.

Company Names:

ESRI Inc

Strategic Mapping Inc

MAPINFO

Caliper Corp

Scan-US Inc

Geographic Names: US

Descriptors: Geographic information systems; Location analysis; Statistical analysis; Mapping; Real estate agents & brokers; Market economies Accounting & Tax DB_1971-2009/Sep W1

Supplier Number:

Abstract:

...geographically parallel layers. Desktop GIS has found its way into the offices of real estate brokers, developers, investors, and appraisers. The focus of the GIS software is generally on making maps, but the rules of data analysis still apply. The user should: 1. Look at the data. 2. Calculate summary statistics. 3. Aggregate the data. 4. Graph it. 5. Map it. Five GIS programs are described: 1. ESRI's ArcView2, 2. Strategic Mapping Inc.'s Atlas GIS, 3. MapInfo Corp.'s MapInfo...

Text:

...tools, called geographic information systems, that have only recently become available to real estate market analysts. Now lenders, investors, brokerage and leasing firms, and consultants have begun to integrate the tools...

...Promises and Problems

As early as the American Revolutionary War there were base maps with overlays showing troop movements. ¹ Beginning in the 19th century, cartographers and demographers created base maps with multiple overlays and thematic layers portraying social and economic variables along with topography. Recent technological change and...

...rectangles that represent the conceptual framework of GIS. Beginning at the bottom with a topographic overlay (or maybe even a subsoil layer), working up through soils, ground cover, floodplains, species' habitats...

...generated slide presentations.

Desktop GIS has found its way into the offices of real estate brokers, developers, investors, and appraisers. Its most common use is by brokerage firms using the technology...

...the solution on a map may be the most effective marketing tool available for the brokers involved. This screening process is not analysis as much as it is illustration. The software...

...requires the statistical and analytical features that real estate market and marketability analysis does.

Market analysts have developed useful tools based on the understood connection between employment and population change and...statistical tools available inside, or importable to, their programs.

Another difficulty for real estate market analysts is that getting to the analytical power of traditional GIS programs is a very painful...

...GIS focuses on mapmaking; its users deal with physical boundaries drawn or calculated by the analyst, and with natural class divisions, such as the number of males and females of species...

...users of creating those layers and of then developing meaningful classifications for thematic mapping.

Exhibit 1 illustrates the process of working within a typical GIS with economic data. Imagine several states...

...currently have, and then run painfully slowly. It is not surprising that many real estate analysts and most university real estate programs have held off from implementing GIS. But within the...

...all from Wessex, Inc., Winnetka, Illinois) for U.S. Census and geodata with First Street (\$1,995 including geocoder, the Wessex products, and Avenue, ESRI's scripting language) and MapInfo (\$2...

...on the requirements of real estate market analysis. Exhibit 2 outlines the process that market analysts engage in. Preliminary ...true if there is some customary cutoff point used in analysis. For example, real estate analysts typically use vacancy rates below 5% to indicate a supply constrained market. Analysts using GIS will want to select ranges that acknowledge the custom. Some software makes this...

...aid in designating appropriate class intervals; MapInfo has a simple bar-chart capability and Arc View has a histogram feature; ScanUS has made an attempt at aiding in preliminary data analysis with a sort of moveable histogram slide bar (called a strata manager) that permits the analyst to identify outliers and to get at the shape of the distribution by iteration. Unfortunately...

...who remembers sophomore statistics and the basic rules of data description and preliminary data analysis. 4
Statistical Analysis and Comparison

The real analysis part of market analysis begins by identifying the...

...complementary type. These three concepts form the traditional theoretic rationale for urbanization.5

Accordingly, market analysts who subscribe to these as explanations of urbanization must devise a methodology to consider how...

...in the region's basic export industries.

$S = m \cdot B - B$

or

$S = B \cdot (m - 1)$

With all its inherent flaws (the underlying assumption, for example, that ...quotient.

$LQ = \frac{\% \text{ local employment in industry } i}{\% \text{ national employment in industry } i}$ (Formula Omitted)

$(LQ - 1) / LQ \cdot T = B$

If a city has a location quotient of 3 for some industry...

...for this sector can be extended to make comparisons across time and across regions.

Market analysts use these relationships to project future employment demand within certain industries and the resulting population...

...employment (a rough proxy for office employment) for all MSAs with location quotients greater than 1.5, as well as large percentage increases in office building rents from 1993 to 1994...they do one or two things best. A capsule summary of the previous exhibit follows.

Brokers, local mortgage market analysts, and many appraisal firms will be content with a simple display of their own geocoded...

...Census variables, while Maptitude has a subset of them) brings its actual price to approximately \$1,200. At that price it remains \$800 less expensive and considerably easier to learn. Its principal drawbacks for real estate analysts are a failure to report the number of observations in each class of a thematic...
...graphing or other technique to look at the data before mapping it.

First Street, at \$1,995, is the bundled version of Arc View, which includes a geocoder and a scripting...

...analyses with ease.

(Table Omitted)

(Table Omitted)

(Table Omitted)

(Table Omitted)

(Table Omitted)

Real estate analysts who want to share files and data with corporate clients may find that selecting MapInfo...

...or customized or mapped. They have developed an intriguing list of customers, including many retail analysts, church groups, and real estate developers. Institutional investors making regional and intraregional comparisons and working...for presentation. Purchasing the SMI data avoids much of the construction process outlined in Exhibit 1, although that makes for the most expensive package.

Conclusion

The buzz in real estate circles...

...may well be the perfect business GIS. But waiting for that day puts real estate analysts at a severe disadvantage.

Major retailers and Fortune 500 firms have already committed to GIS...

...that will make an easier transition to the perfect GIS of the future.

Footnote: Endnotes

1 See Rice and Brown [1972], Harley, Petchenik, and Towner [1978], or Goss [1993] for the...

Descriptors: ...Real estate agents & brokers ;
Classification Codes:

9/K/5 (Item 4 from file: 485)
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**** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 ****
00465334

The complexity and legitimacy of corporate law

Orts, Eric W
Washington & Lee Law Review v50 n4 pp: 1565-1623 Fall 1993
ISSN: 0043-0463 **Journal Code:** AWLL
Document Type: Journal article
Language: English **Special Feature:** References **CODEN:** DCAC
Word Count: 30596 **Line Count:** 2,781

Abstract:

A theory of corporate law is presented to combat simplistic models that have become influential. This theory provides a realistic and workable alternative that takes account of the complexity in corporate law. Corporate law is complex because it embodies a set of conflicting normative principles. The normative complexity of corporate law explains, at least

in part, its technical complexity. Corporate law retains legitimacy to the extent that it continues to be created and maintained through sound processes of law-making and law-applying. The technical and normative complexity of corporate law is legitimate in accordance with the quality of the deliberative procedures of democratic government and judicial administration.

Geographic Names: US

Descriptors: Corporate governance; Legal; Theory; Corporate objectives; Shareholders wealth; Maximization; Ethics Accounting & Tax

DB_1971-2009/Sep W1

Supplier Number: Text:

...power can be suitable, either to man's nature, or the quality of his affairs.(1)

I like complexity and contradiction....I speak of a complex and contradictory architecture based on...

...not mean the theory itself is complicated or corporate law is too complicated to understand.(4) Instead, I argue that corporate law is complex because it embodies a set of conflicting...

...the normative complexity of corporate law explains, at least in part, its technical complexity. This view supplies a strong theoretical underpinning for corporate law as long as its rules and principles... economic objective of corporate law divides in several different ways that are not easily unified.

1 . PROFIT VERSUS WEALTH

An initial distinction concerns a difference between two components of the "economic...is that an ethical dimension of corporate law extends beyond this level of normative complexity.

1 . JUSTICE AND CORPORATE LAW

Dean Karen Newman argues in The Just Organization that the broad...

...and shareholder gain are not thereby enhanced, the corporation, in the conduct of its business:

(1) Is obliged, to the same extent as a natural person, to act within the boundaries...

...the equitable power of courts to consider basic fairness in making and applying corporate law overlays an expansive ethical quilt on the body of corporate law.(212)

Dean Newman also argues...And because the Marriott Host side of the business had, in the previous year, only \$ 1 .7 billion in revenue and \$350 million cash flow, as compared with \$7.4 billion...addressed the contract claims.(246) There, the preferred shareholders alleged violation of their contractual rights (1) to choose whether to exercise their conversion rights, (2) to be accorded a dividend preference...uplifting, as well as economically productive. Corporate law must remain complex to retain its legitimacy.

1 . Edmund Burke, Reflections on the Revolution in France 74 (Anchor Books

1973) (1790).

2. Robert...American Law, 97 Harv. L. Rev. 1276, 1305-77 (1984). Professor Frug usefully distinguishes among (1) "formalist" models that involve "agency" and "trustee" theories, (2) "expertise" models that involve reliance on...

...models that rely on the power of courts to oversee corporate actions and decisionmaking, and (4) "market" or "pluralist" models that rely on either "the discipline of the market" or "demands...

...of corporate bureaucracies. Id. Unfortunately, after rejecting all of these models, Frug adopts the impossible view that corporate bureaucracies represent a "form of human domination" that must be wholly overthrown and...

...stay. See, e.g., Alfred D. Chandler, Scale and Scope: The Dynamics of Industrial Capitalism 1 -46 (1990) (describing the rise of modern industrial enterprise and the economic efficiencies involved). The... expressly considered or explored by the Committee on Corporate Laws during the drafting process. Further, I suspect that most practicing attorneys would not accept the underlying premise of this argument that...however, the account offered here implicitly criticizes their theory of the corporation. See id. at 1 -39 (describing version of "the corporate contract"); see also Richard A. Posner, Economic Analysis of...

...102-105 (1983).

48. Melvin Aron Eisenberg, The Structure of the Corporation: A Legal Analysis 1 (1976). During a presentation of an earlier draft, one commentator suggested that I am asserting...

...has more in common with "structural" theories of corporate law. See, e.g., id. at 1 -6.

49. E.g., Del. Code Ann. tit. 8, Sec 122 (1983); Rev. Model Bus...683, 691 (1992) (citing Lindsey Gruson, Tiny Delaware's Corporate Clout, N.Y. Times, June 1 , 1986, at F6 (quoting Chancellor Allen)).

109. See infra Part III.A.

110. In this...

...as "a corporation incorporated under a business corporation law or an analogue thereof." Id., Sec 1 .12(a), at 17. Analogues of corporation laws include specific (banking corporations), as well as general, corporation codes. Id., Sec 1 .12 cmt., at 17.

114. Id., Sec 2.01(a), at 69. Qualifications given to...explanation added). Useem documents managerial change in response to shareholder pressure in the following areas: (1) "flattening" of corporate hierarchies, moving responsibility for success and failure down the corporate ladder; (2...tit. 8, Sec 101(a) (1983).

165. See, e.g., Presser, supra note 163, at 1 -44 to 1 -53.

166. See, e.g., David W. Leebron, Limited Liability, Tort Victims, and Creditors, 91...52-53 (2d ed. 1992) (describing the three major goals of bankruptcy law as providing (1) a "fresh start" to individual debtors, (2) "a set of equitable rules for the division...

...autonomous choices." including freedom from "compulsion" and "ignorance of the circumstances." Id. at 148 & tbl. 1 (citing Joel Feinberg,

Harm to Self 113 (1986)).

173. Pennsylvania's constituency statute, for example...

...in considering the best interests of the corporation, consider to the extent they deem appropriate:

(1) The effects of any action upon any or all groups affected by such action, including...

...as follows:

Three steps are involved in the adjudication of a controversy according to law: (1) Finding the law, ascertaining which of the many rules in the legal system is to...Eisenberg, Corporate Legitimacy, Conduct, and Governance--Two Models of the Corporation, 17 Creighton L. Rev. 1 , 8 (1983).

191. See, e.g., id. at 10 ("while a breach of contract may...selling \$150 million in new 10-year notes in early December 1993. One professional market analyst complained, "They are not paying a big penalty for what they have done to their...

...L.P. v. Marriott Corp., No. 12922, 1993 Del. Ch. LEXIS 105 (Del. Ch. July 1, 1993).

247. Id. at *2-3.

248. Id. at *3, *24.

249. See, e.g...

...see Peter H. Schuck, Legal Complexity: Some Causes, Consequences, and Cures, 42 Duke L.J. 1 (1992).

263. ALI, supra note 106. The ALI's Principles in fact illustrate how the ...

...Rules 23 (National Bureau of Economic Research Working Paper No. 3958, 1992).

267. Id. at 1 ("Rules that are more complex can be more precisely tailored to acts, thereby allowing better...typology will be helpful in assessing policy recommendations).

292. See Eisenberg, supra note 190, at 1 .

293. Id. at 2.

294. Id.

295. Id. at 2.3.

296. Id. at 5...

9/K/6 (Item 5 from file: 485)

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**** FULL-TEXT AVAILABLE IN FORMATS 7 AND 9 ****

00369335

Regulation of Accountancy and Accountants: A Comparative Analysis of Accounting for Research and Development in Four Advanced Capitalist Countries

Willmott, Hugh C.; Puxty, Anthony G.; Cooper, David J.; Lowe, E. Anthony;
Robson, Keith

Accounting Auditing & Accountability Journal v5 n2 pp: 32-56 1992

ISSN: 0951-3574 **Journal Code:** AAJ

Document Type: Journal article

Language: English **Special Feature:** Charts References **CODEN:** DCAC

Word Count: 11985 **Line Count:** 1,090

Abstract:

The contrasting processes and institutional arrangements through which the development of regulatory structures governing accounting practices within the US, the UK, Germany, and Sweden has been accomplished are examined. The specific accounting issue considered is the disclosure and treatment of research and development (R&D) expenditure in corporate financial statements. The neo-capitalist categories of hierarchical control, dispersed competition, and spontaneous solidarity are used to illuminate how the processes and institutional structures of accounting regulation are shaped by and in turn serve to strengthen or undermine the disciplinary effects of these 3 organizing principles. Each of the 4 countries has a different structural complex of institutional arrangements within which to regulate accounting, accounts, and accountants. These differences reflect differences of culture, history, sociopolitical structure, and patterns of supranational influence. Some 15 years ago, only the US required disclosure of R&D amounts. Since then, Sweden and the UK have followed in effectively mandating disclosure.

Geographic Names: US; UK; Germany; Sweden

Descriptors: Comparative analysis; Financial reporting; R&D; Disclosure;

Accounting policies; Accounting standards; Differences; Regulatory

agencies Accounting & Tax DB_1971-2009/Sep W1

Supplier Number: Text:

...here is the disclosure and treatment of research and development expenditure in corporate financial statements(1). There are two aspects of the treatment of research and development (R&D) expenditure in... sectoral organizations and the interests of the state as an institution" (p. 40). Echoing this view , Cawson has stressed the importance of appreciating how "interests are organised within a framework of opportunities" (Cawson, 1985, p. 4). We argue that neo-corporatist analysis has generated a number of valuable analytical categories which... three organizing principles supplied by Streeck and Schmitter (1985). These definitions are clarified in Figure 1 . (Figure 1 omitted)

THE UNITED KINGDOM

THE REGULATORY CONTEXT

In nineteenth century Britain, there was considerable reliance...

...by the constituent bodies, to have greater force than the discredited "Recommendations". It lasted until 1 August 1990, under the revised title of the Accounting Standards Committee (ASC), since which time...from industrial interests and 37 from other parties (principally academe, the accountancy profession, and stock analysts). One of the main issues at stake seems to have been the importance of R&D information for financial analysts and the stock market (Bierman and Dukes, 1975). Of the non-industrial responses none objected...

...of accounting procedure which again would affect company profits on government contracts (a figure of \$ 1.4 billion was mentioned). This concerned the amount of general and administrative overhead which could... of the four countries as a process of (national) interest-group negotiation with an international overlay, it may be more appropriate to view each national situation as a medium as well...

...of further convergence of the institutional arrangements for accounting regulation within advanced capitalist societies.

NOTES

1. Throughout this article we treat research and development expenditure as it is defined by the...tacit understandings and social attitudes can significantly influence the way these arrangements operate in practice. 4. Two caveats are in order however. First, the 1856 Act did include a model set...

...the requirement of the Companies Acts that financial reports must show a "true and fair view" (which has never been defined in statute) and in the USA in the requirement that...position, and even after that, no state registration as such is required. 24. As from 1 July 1989, a new body, the Redovisningrådet, was set up to bring together the state...Market: An Evaluation of the Securities Act of 1934", American Economic Review, Vol. 63 No. 1, pp. 132-55. Bierman, H. and Dukes, R.E. (1975), "Accounting for Research and Development...

...The Roles of Accounting in Organizations and Society", Accounting, Organizations and Society, Vol. 5 No. 1, pp. 5-27. Burchell, S., Clubb, C. and Hopwood, A.G. (1985), "Accounting in its...

...1987), "Evidence of International Harmonization of Financial Reporting", International Journal of Accounting, Vol. 23 No. 1, pp. 47-68. Flower, J. (1966), "The Case of the Profitable Bloodhound", Journal of Accounting...

...Change": in Hopwood, A.G. (Ed.), International Pressures for Accounting Change, Prentice-Hall, London, pp. 1-6. Hopwood, A.G., Burchell, S. and Clubb, C. (1979), "The Development of Accounting in...

...First Ten Years, Woodhead Faulkner, Cambridge. Mandel, E. (1976), "Introduction" to Marx, K., Capital: Vol. 1, Penguin, Harmondsworth. Merino, B.D. and Neimark, M.D. (1982), "Disclosure Regulation and Public Policy: A Socio-Historical Reappraisal", Journal of Accounting and Public Policy, Vol. 1 No. 1, pp. 33-57. Nair, R.D. and Frank, W.G. (1980), "The Impact of Disclosure...Comparability and Consistency of International Accounting Reporting Practices", International Journal of Accounting, Vol. 22 No. 1, pp. 53-67. Tinker, A.M. (1985), Paper Products, Holt Rinehart and Winston, Eastbourne. Watts...

9/K/7 (Item 1 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)
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02310009 **Supplier Number:** 55061018 (Use Format 7 Or 9 For FULL TEXT)
Will the RBOCs Turn DSL Into Another ISDN?(Industry Trend or Event)

Flanagan, Patrick
Telecommunications , 33 , 5 , 37
May , 1999
ISSN: 0278-4831
Language: English **Record Type:** Fulltext; Abstract
Word Count: 2083 **Line Count:** 00170

Abstract: ...will be treated as ISDN was, as the two technologies have several similarities. The RBOCs view cable modems as their primary threat, as by 2002 there are expected to be 4.3 million cable modems, as opposed to only 2.7 million DSL customers.

Abstract:

...available is anyone's guess, but deployment is simpler than ISDN because ADSL runs on overlay networks; therefore, the RBOCs don't have to integrate or upgrade existing switches or deploy...

...set by the cable modem industry and has no bearing on actual costs. To reach 1.5 Mbps downstream, the cost is \$60 to \$100 per month. A primary reason for...

...shows few were buying. Total users went from just under one million to less than 1.4 million.

The Opportunity Window

The RBOCs have a limited window of opportunity. Most view...

...end of 1999 or cable will take a commanding lead," said Claudia Bacco, senior DSL analyst for TeleChoice.

According to The Yankee Group, DSL consumer pricing cannot exceed \$40 a month...

...This is where cable modems are priced with their apparently faster downstream data rates of 1.5 Mbps (however, users are on a party line that degrades service as their neighbors...

...device cost, must come down to \$100 to \$150," said Jim Wahl, a Yankee Group analyst. The hardware costs will reach this level by the second half of 1999.

The CLECs...with a \$5.82-billion bankroll. AT&T owns 40 percent of @Home. Microsoft's \$1-billion investment in Comcast is well known, and both it and Compaq are investors in...

DSL Speeds	Lowest Cost	Up-front Costs	Branding
		Per Month	(min./max.)
Ameritech	Up to 1 Mbps	\$49.	
95 \$150/\$349	SpeedPath		
Bell Atlantic	640 kbps/	\$39.97	\$49/\$473 Infospeed

	1 .5 & 7. 1 Mbps				
BellSouth	1				
.5 - 6 Mbps	\$49.95	\$300	FastAccess		
GTE	256/348/786 kbps	\$35	\$99/\$440	DSL	
	1 .5 Mbps				
Pacific Bell	1				
.5 Mbps	\$39	\$198	FasTrak DSL		
Southwestern Bell	1				
.5 Mbps	Not Available	Not Available	FasTrak DSL		
US West	256/512/786 Kbps	\$40	\$110/\$295	MegaBit	
	1 /4/7 Mbps				

9/K/8 (Item 2 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

01804827 **Supplier Number:** 17155740 (Use Format 7 Or 9 For FULL TEXT)

Tools and utilities.(1995 Database Buyer's Guide and client/server sourcebook)(Buyers Guide)

DBMS , v8 , n6 , p72(29)

May 15 , 1995

Document Type: Buyers Guide

ISSN: 1041-5173

Language: English **Record Type:** Fulltext; Abstract

Word Count: 45154 **Line Count:** 03869

...and Symantec C/C++ compilers, and Borland Pascal. \$495. Reader service #562.

d-tree 3. 1
FairCom Corp., Columbia, MO
314-445-6833; 800-234-8180
Lets users increase application development...as well as a command language for scripting needs. Reader service #572.
C-Vision 3. 1
Gimpel Software, Collegeville, PA
610-584-4261
A set of tools to analyze, understand, and...

...the options receiving the most use. Tunes frequently hit sections. Optimizes link scripts to reduce overlay swapping. Restructures IF and CASE statements to smooth program execution. Reduces runtime memory requirements and...Single user: \$89; additional network licenses: \$70 each. Reader service #582.

QA Partner 2.0. 1
Segue Software Inc., Newton Centre, MA
617-967-3771; 800-922-3771
A testing solution...speed. Requires DOS and a compatible terminal emulator. \$695. Reader service #598.
Vision:Legacy 5. 1
Sterling Software Inc., Atlanta, GA
404-551-8300
A Cobol maintenance workbench that accelerates the...

...incremental analysis, rationalization, and migration. Reader service #600.

VisionSoft/PROJECT Software Project Analyzer Version 3. 1
VisionSoft Corp., Campbell, CA
408-879-2672; 800-695-6382
Automatically collects, calculates, correlates, and...

...embedded Oss. \$999. Free evaluation. Reader service #601.

VisionSoft/TEST Software Test Analyzer Version 3. 1
VisionSoft Corp., Campbell, CA
408-879-2672; 800-695-6382

An extension to quality-assurance...87 and CA-Clipper 5.x that supports seven menu styles, including pull-down, cascading, 1 -2-3, and boxed 1 -2-3. Developers can tie hot keys and security levels to each individual menu item...

...copy of KPWin. Also works with Revelation Technologies' OpenInsight. \$895. Reader service #615.

Magic Fields 1 . 1
Blue Sky Software Corp., La Jolla, CA
619-459-6365; 800-677-4946
Lets users...Fortran, Turbo Pascal, batch files, and QuickBasic.

\$79.95. Reader service #622.

Screen Design Kit 1 .0
Butler Computer Systems, Walnut Creek, CA
510-256-8401
Its TSR software can be...

...Design Forms. The forms are actual screen size. Requires IBM PC or compatible, DOS 2. 1 or later, and 38K of memory. \$99.95. Reader service #623.

SmartFleldPalette

Objective Technologies Inc...support for Windows NT. Can be installed onto a Windows-compatible PC with Windows 3. 1 . The PC must have at least 3.5MB of free disk space. Compatible with UniData...

...that can use or adapt ANSI-standard SQL. Reader service #634.

EasyCASE Database Engineer (DBE) 1 .0 far Windows
Evergreen CASE Tools Inc., Redmond, WA
206-881-5149; 800-929-5194...work together to implement a given use case; and Booch '94. Reader service #641.

InfoModeler 1 .5
Asymetrix Corp., Bellevue, WA
206-462-0501; 800-448-6543

Enables the database professional...of low, medium-, or high-end business systems. \$179. Reader service #653.

S-Designor 4. 1
SDP Technologies Inc., Westchester, IL
708-947-4250; 800-737-9220

Lets users create, reverse...Macintosh version is also available. \$249 (version 2.3). Reader service #659.

System Architect 3. 1
Popkin Software & Systems Inc., New York, NY
212-571-3434
An application development tool supporting...

...is also available. Merge version, Windows: \$1395; OS/2 PM: \$1795. Reader service #660.

Tableau 1 . 1
Tableau Systems Inc., Atlanta, GA
404-952-0700

A tool for developing simple diagrams, called...

...for creating all tables and keys and enforcing declarative referential integrity. Reader service #661.

Translator 1.0
Excel Software, Marshalltown, IA
515-752-5359

Automates the generation of diagrams and populates...how messages pass among objects in response to user-generated events. Reader service #664.

Visible Analyst Workbench 5.4
Visible Systems Corp., Waltham, MA
617-890-2273
A set of CASE...

...Informix-SQL, NetWare SQL, SQL Server, Oracle, SQLBase, and dBASE IV. Runs under Windows 3.1. \$2795. Reader service #665.

Visible Analyst Workbench 5.4--Process Modeling Tool
Visible Systems Corp., Waltham, MA
617-890-2273
Provides...

...I-CASE toolset. Client/server architecture in single- and multiuser versions. Runs under Windows 3.1. \$1895. Reader service #666.

DATA CONVERSION AND TRANSFER
ClipWKS
Grumpfish Inc., Salem, OR
503-588...

...into the .wks file. Reads the contents of cells directly from the spreadsheet. Supports Lotus 1-2-3, Quattro Pro, and Excel. Features both high-level and low-level functions. Its...

...VBXs, and OCXs. Reader service #670,
Database Link Products for the BAS System and RS/1
Software Interfaces Inc., Houston, TX
713-492-0707; 800-742-2237
A bidirectional interface that...

...of a relational database with the data analysis features of the SAS System or RS/1. Customers can access corporate data anywhere on a network and transfer it to the SAS System or RS/1, and vice versa. The Database Links act as a filter in client/server environments; they create SAS or RS/1 data sets for any platform from any platform. With the links, an Oracle user on...

...can create Oracle tables for any platform. The Links support all the BAS or RS/1 data types and make the necessary conversions. The Links can also be used as a...databases from development and quality control to production. Reader service #673.

DEC Data Distributor 6.1
Digital Equipment Corp., Nashua, NH
603-884-7777; 800-344-4825
Manages the automated distribution...

...an interface for automatically reformatting host-based data to 10 PC file formats, including Lotus 1-2-3, Excel, WordPerfect, Btrieve, and Word for Windows. \$500-\$42,000. Reader service #677.

OpenBridge 1.0
Informatica Corp., Menlo Park, CA
415-462-8900; 800-653-3871
Extracts, transforms, and...

...while letting users override specified PC responses as needed. Reader

service #679.

Platinum Data Transport 1 .0
Platinum Technology Inc., Oakbrook Terrace, IL
708-620-5000; 800-378-7528

A tool Windows 3. 1 , OS/2 2. 1 , or 3270 terminal for client and
MVS/ESA 4.2.2 or IBM TCP/IP...

...ESA DB2 platform and are priced according to CPU group. Reader service
#686.

CodeTranslator 2. 1
Sequiter Software Inc., Edmonton, Alberta, CANADA
403-437-2410

Converts dBASE III and CA-Clipper...analysis, and has configurable
trace filters. Graphical performance analysis viewer included. Runs on
Windows 3. 1 , Windows for Workgroups 3.11, Windows 95 (as a 16-bit
application), and Windows NT...

...analysis, and has configurable trace filters. Graphical performance
analysis viewer included. Runs on Windows 3. 1 , Windows for Workgroups
3.11, Windows 95 (as a 16-bit application), and Windows NT...

...analysis, and has configurable trace filters. Graphical performance
analysis viewer included. Runs on Windows 3. 1 , Windows for Workgroups
3.11, Windows 95 (as a 16-bit application), and Windows NT...all three
modules; prices vary per user and CPU. Reader service #732.

Platinum SQL Port 1 . 1
Platinum Technology Inc., Oakbrook Terrace, IL
708-620-5000; 800-378-7528
Performs high-speed...

...or more users); or \$30,000 per site license. Reader service #733.

Platinum SQL Spy 1 . 1
Platinum Technology Inc., Oakbrook Terrace, IL
708-620-5000; 800-378-7528

A Windows-based...per site (site license). Prices vary for multi-DBMS
environments. Reader service #734.

Platinum TSreorg 1 .0
Platinum Technology Inc., Oakbrook Terrace, IL
708-620-5000; 800-378-7528
Improves the...

...of the enterprise client/server replication environment. Platforms
include: IBM RS/6000, DEC AXP OSF/ 1 , HP 9000/800/700, Sun OS, Sun
Solaris, Windows NT, Data General, Silicon Graphics, Sequent...

...database. Available for Microsoft SQL Server, Oracle, and Sybase. Runs
on Sun Solaris, Windows 3. 1 , and Windows NT and connects to any network
database server. \$699. Reader service #741.

SQL Director 2. 1
Stro-Ware Inc., Los Angeles, CA
310-312-8099; 800-278-7876

A DBA and...deployment. Available for Microsoft SQL Server, Oracle,
and Sybase. Runs on Sun Solaris, Windows 3. 1 , and Windows NT, and
connects to any network database server. \$899. Reader service #743.

SQL...

...servers. Available for Microsoft SQL Server, Oracle, and Sybase. Runs on
Sun Solaris, Windows 3. 1 , and Windows NT and connects to any network
database server. \$699. Reader service #746.

SQL...

...enhancement. Available for Microsoft SQL Server, Oracle, and Sybase.

Runs on Sun Solaris, Windows 3. 1 , and Windows NT, and connects to any network database server. \$699. Reader service #747.

SQL Secure 3. 1

BrainTree Technology Inc., Norwell, MA
617-982-0200; 800-232-5215

A client/server security...feature. Available for Microsoft SQL Server, Oracle, and Sybase. Runs on Sun Solaris, Windows 3. 1 , and windows NT, and connects to any network database server. \$699. Reader service #749.

SQL...

...dBASE, CA-Clipper, and all other Xbase products. \$199.95. Reader service #752.

Head Fix 1 .14

Hilco Software, Sebastopol, CA
707-029-5011

Repairs CA-Clipper, CA-Clipper Extended, dBASE...database backup system featuring tight communications with Oracle. Customers report transfer rates in excess of 1 .6MB per second to DEC DLT2000 and Metrum tape drives. Asks Oracle at runtime which...Xbase files. DOS/Windows version: \$49.95 (includes source code). Reader service #765.

Professional IDL 1 .4

Persistent Data Systems Inc., Pittsburgh, PA
412-963-1843

For programmers building applications that...

...files, DDL, and DML facilities. Compatible with any Windows development environment that supports ODBC Level 1 , such as Visual Basic or C++. Lets developers manipulate databases -- as well as associated views...to create external windows as well as FoxPro child windows. \$189. Reader service #776.

GraphBase 1 . 1

Softwell Development Corp., Palmer, PA
610-865-3009

A DOS menu-driven database graphics system...database. Single-user version: \$249; developer version: \$399. Reader service #785.

XR T/3d 2. 1

KL Group Inc., Toronto, Ontario, CANADA
416-594-1026

A 3D surface-, bar-, and contour...

...for use with DBArtisan. \$299-\$1499 (one-10 users). Reader service #788.

Doc-to-Help 1 .6

WexTech Systems Inc., New York, NY
212-949-9595; 800-939-8324

A hypertext...

...help viewer with their help files. \$129; \$499 with runtime option. Reader service #791.

ForeHelp 1 .0

Bristol Technology Inc., Ridgefield, CT
203-438-6969

A WYSIWYG help-authoring editor originally...

...are playable through the standard WinHelp engine. Point-and-click forms support all Windows 3. 1 help compiler features, such as nonscrolling regions, secondary windows, help window positioning, advanced paragraph formatting...Video/Sound Player for video and sound playback in Help files and Video for Windows 1 . 1 runtime. A bundle including RoboHelp 3.0 and WinHelp Video Kit is available for \$499...field size, and left, right, centered, or justified text for data fields. Requires Windows 3. 1 . DataMgr VBX: \$65; Template Maker: \$99; bundles available. Reader service #806.

DBtools.h++ 1 .0

Rogue Wave Software, Corvallis, OR
503-754-3010; 800-487-3217
A C++ object...start at \$1200 per developer. Maintenance and technical support is available. Reader service #828.
RDsecure 1 . 1
Rory Data International, North Potomac, MD
301-251-0497
A Rights Server program for NetWare...

...Server. Supports FoxPro applications. \$199; FPNet licensees: \$99. Reader service #829.
RobinHood Developer's Toolkit 1 .10
WINGate Technologies of MITech Inc., Morristown, NJ
201-539-2727
Provides remote control of...CRC error checking. Users can control any multipoint hardware that is supported by Windows 3. 1 including the DigiBoard intelligent and non-intelligent 4-, 8-, and 16-port adapters. Full documentation...file library, sample applications, and instruction manuals. Royalty-free distribution of applications. Supports Windows 3. 1 , Windows NT, and Windows 95. SDK: \$595; SDK with a two-line telephone board: \$995. Reader service #847.
WINGate Developer's Toolkit Version 1 .50
WINGate Technologies of MITech Inc., Morristown, NJ
201-539-2727
Delivers a bidirectional pipeline...

...Pascal, Basic, Visual Basic, Fortran, Modula2, and CA-Clipper): \$49. Reader service #848.
WinTunnel Version 1 . 1
WINGate Technologies of MITech Inc., Morristown, NJ
201-539-2727; 800-946-4283
Opens direct...

...prototyping and code development tool called Builder is included. Lets users interactively define and immediately view all graphs. Also supports internationalization by allowing any X Window Server font to be used...

...700/800, IBM RS/6000, SCO ODT 386/486, SGI, Sun SPARC Motif, Unix V. 4 386/486, and VMS/VAX. Single development license: \$1995; network license: \$7995. Reader service #851...

...large cell. This expanded cell can then be treated as a single cell. Supports Motif 1 .2 drag and drop. Lets users cut/copy cells and ranges of cells from one...to an unlimited number of users without additional cost. Reader service #860.
Visual Forms/PCL 1 .0
Bytech Business Systems Inc., Pomona, NY
914-354-8666
Creates a file containing the...

...and C/C++. Supports bitmapped fonts only; does not support internal fonts. Requires Windows 3. 1 . \$249. Reader service #862.
Visual Forms/WIN
Bytech Business Systems Inc., Pomona, NY
914-354...

...databases via SequeLink, EDA/SQL, DAL, and ODBC. Reader service #866.
Business Intelligence Suite (BIS) 1 .0
Information Builders Inc., New York, NY
212-736-4433; 800-969-4636
Add-on...all ODBC applications, including those created by Visual Basic or C/C++. Compatible with ODBC 1 .0 and 2.0. Reader service #871.

DSS Agent 2.0
MicroStrategy Inc., Vienna, VA...

...filters, alerts for exception reporting, and drill-down analysis. Reader service #872.

EDA/Compose 2. 1
Information Builders Inc., New York, NY
212-736-4433; 800-969-4636
A point-and...

...users with answer sets formatted for the Windows Clipboard, and other popular Windows applications, including 1 -2-3, Excel, Word for Windows, and WordPerfect. A Macintosh version is also available. EDA/Link 2. 1 communications software is required for EDA session support. \$199; \$239 with EDA/Link 2. 1 ; volume discounts are available. Reader service #873.

Esperant 2. 1
Software AG Inc., Reston, VA
703-860-5050; 800-423-2227

A Windows-based tool...mainframes, midrange servers, or desktop systems into formatted desktop reports or other applications, including Lotus 1 -2-3, Microsoft Excel, and most word processors. Data sources include DB2, IMS, VSAM, Informix...

...to HP 3000 and HP900 servers. \$495-\$750 per user. Reader service #876.

Iconic Query 1 .3
IntelligenceWare Inc., Los Angeles, CA
310-216-6177; 800-888-2996

Uses icons and...Informix, CA-Ingres, and several 3GL file systems. Operating system support for DOS, VMS, OSF/ 1 , and Unix on 35 platforms. \$500-\$42,000. Reader service #882.

Intersolv Q+E 45. 1
Intersolv Inc., Rockville, MD
800-876-3101

An enterprise-wide query and reporting system that...

...file system, then reformat and transfer that data into popular PC desktop applications including Lotus 1 -2-3, Excel, Word for Windows, WordPerfect, dBASE, and ASCII. Data can be formatted for...

...Informix, CA-Ingres, and several 3GL file systems. Operating system support for DOS, VMS, OSF/ 1 , and Unix on 35 platforms. \$500-\$42,000. Reader service #884.

Jake 3.0
English...

...from other Windows applications, such as Microsoft Word and Excel, WordPerfect for Windows, and Lotus 1 -2-3, through menu options. Users can copy the results of a query to another...OS/2, Motif, character mode, Windows NT, Unix, and VMS. Reader service #892.

Platinum Quest 1 .0
Platinum Technology Inc., Oakbrook Terrace, IL
708-620-5000; 800-378-7528
A OUI...

...SQLBase, Oracle, Sybase and Microsoft SQL Server, InformixSE, and AS/400 databases. Requires Windows 3. 1 , Windows NT, or OS/2 2.0. \$695. Reader service #893.

Platinum SQL Commander 3...

...tabs, pie charts, and bar graphs. Lets IS deliver prepackaged business data to managers and analysts , without custom-programming individual user features. A multidimensional drill-down structure is packaged with the System, Excel, Lotus 1 -2-3, dBASE, WordPerfect mail merge, delimited, and

other formats. Databases supported via their native...

...Platforms include HP, IBM, Sun, Windows NT, AT&T, Data General, and DEC Alpha OSF/ 1 . Available in mid-1995. Reader service #902.

TrueAccess

Blyth Software Inc., Foster City, CA

415...files with applications created using other Windows development tools. \$79.95. Reader service #911.

FlexQL 1 . 1

Data Access Corp., Miami, FL

305-238-0012; 800-451-3539

A SQL-based relational report writer for dBASE, Paradox, DataFlex, Lotus 1 -2-3, Btrieve, ASCII, DIF, and Sylk file formats that runs on DOS and Unix...

...help system. Network version available. \$295 and up. Reader service #912.

Front & Center for Reporting 1 . 1

Thomson Software Products Inc., Norwalk, CT

206-845-5000; 800-441-6878

Couples object-oriented...

...and linking 10 SQL-based objects per document, it scales text and graphics proportionally from 1 " x 1 " to full page. Metafile slides zoom out ...Informix, Ingres, Microsoft SQL Server, Oracle, Rdb/VMS, and Sybase. Client platforms include Windows 3. 1 and NT, X/Motif on SunOS, Solaris, HP, and IBM RS/6000. Reader service #929...technical support. Discount when purchased with Tempest 2.0. \$89. Reader service #935.

Blinker 3. 1

Blink Inc., Richmond, VA

804-747-6700

A DOS extender, a Windows linker, and DOS dynamic overlay linker that creates programs that will automatically run in both real- and protected-mode DOS...modify their applications but cannot contact the original developers. \$149.95. Reader service #942.

deFox 1 .06

Hilco Software, Sebastopol, CA

707-829-5011

Generates ASCII text source files from application...

...supports a comprehensive range of custom actions to attach to menus, including the ability to view forms or reports; print reports; copy, delete, rename, or empty tables; run queries; and invoke custom methods, scripts, or external programs. Supports Paradox 4 .5 or 5.0 for Windows. Single user: \$149; additional LAN users: \$120. Reader service #947.

OutFox 2.92 and OutFoxPro 1 .30

Hilco Software, Sebastopol, CA

707-829-5011

Decompilers for FoxBASE+ and FoxPro 1 .0 compile programs that generate ASCII text source files from unencrypted application programs. Variable and...

...recompile programs or port them to another environment. \$149.95 each. Reader service #949.

SpellBound 1 .5

Kallista Inc., Chicago, IL

312-663-0101

Adds a spell-checking tool to Paradox...

9/K/9 (Item 3 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

01761431 **Supplier Number:** 16669229 (Use Format 7 Or 9 For FULL TEXT)

Alphabetical listings: how to use the 1995 Health Management Technology market directory issue.

Health Management Technology , v00000016 , n3 , p14(64)

Feb 15 , 1995

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 66155 **Line Count:** 05980

...8987 Robert J. Hoadley Director of Sales Market: National Hospitals;
Long-term Care Total Installed: 1 ,500 Price Range: \$6,000 to 47,000
Hardware/Operating System: IBM DOS Actronics develops...

...East Asia Hospitals; HMO/PPO/Managed Care; Long-term Care; Clinics/Group
Practices Total Installed: 1 1 Price Range: \$40,000 and up
Hardware/Operating System: Client-server open architecture, RISC, UNIX...
Stirrup Creek Dr. P.O. Box 13978 Research Triangle Park, NC 27709 (800)
849-261 1 ; (919) 544-0001; FAX: (919) 544-4079 Market: Worldwide
Hospitals; HMO/PPO/Managed Care; Insurance...214) 422-0500; FAX: (214)
422-0700 Richard Darrell President Market: National; International Price
Range: \$ 1 million to \$100 million Hardware/Operating System: Hewlett
Packard/Lantastic ATAC specializes in technology mergers...

...RHIN-the Wisconsin Health Information Network (WHIN)-ties together 11
hospitals, three payers, more than 1 ,000 physicians and other healthcare
facilities.

SEE OUR AD ON PAGE 19.

Ameritech Knowledge Data...

...Also: service bureau billing, reimbursement consulting.

AMT (Advanced Medical Training) Software 2680 Chandler Ave., Ste. # 1
Las Vegas , NV 89120-4024 (702) 369-4321; FAX: (702) 795-2331 Frankie Lewis
COO...

...Range: \$495 single; \$2,995 network version Hardware/Operating System:
IBM compatible running Windows 3. 1 (386/33, 4MB RAM, VGA monitor) AMT
Software offers a series of Medical Device Training Programs. The
"Interactive Guide to Infusion Devices" covers 1 00 models and provides
competency assurance for JCAHO surveys. This comprehensive tool offers CEUs
and...Digital Equipment Corp. VAX, Alpha AXP, DEC Station, and PC platforms
(Open VMS, DSM, OSF/ 1 , DOS) and IBM RISC System 6000 (AIX, MSM,
Micronetic MUMPS, DOS). Answers Medical Information Systems...Group
Practices; Home Health; Physicians; Insurance Companies; Multi-Facility
Organization; Community Health Networks Total Installed: 1 ,900 to 2,000
Price Range: \$75 to \$ 1 ,800 Hardware/Operating System: Windows and
Macintosh Medical Housecall, for both Windows and Macintosh, was...

...2 Price Range: \$4,000 and up Hardware/Operating System: PC with MS
Windows 3. 1 AMT provides a total solution service to its customers who
seek to use automatic data...The Netherlands, France Hospitals; Long-term
Care; Multi-Facility Organization; Community Health Networks Total
Installed: 1 ,600 Hardware/Operating System: PC and LAN; DOS and LAN
software Atwork develops, sells, installs...

...more effective at achieving goals through effective planning, delegation

and people management. Avantos Review Writer 1.0 for Windows, a software tool to help write high-quality performance reviews quickly and...

...SPC and Total Quality Management software.

B

Bar Code Applications, Inc. 816 Peace Portal Way, # 1 13 Blaine, WA 98230 (604) 293-1069; FAX: (604) 293-1174 Mel J. Endelman President... recruiting for installation, marketing support and product-management employment.

BeneSys, Inc. 5716 Corsa Ave., Ste. 1 00 Westlake Village, CA 91362 (818) 879-0044; FAX: (818) 879-0062 Bobbie Glassham Executive...

...Companies; Multi-Facility Organization; Community Health Networks Total Installed: 8 Price Range: \$25,000 to \$ 1 00,000 Hardware/Operating System: Windows-based. Developer of WYZDOM, a Windows-based asset-management Multi-Facility Organization; Community Health Networks Total Installed: 1 ,400 Price Range: \$ 1 ,000 to \$350,000 Bukstel & Halfpenny, Inc. develops clinical communications systems that integrate healthcare systems ...

...HMO/PPO/Managed Care; Long-term Care; Clinics/Group Practices; Home Health; Physicians Total Installed: 4 ,500 Price Range: \$295 to \$645 Hardware/Operating System: DOS, MS Windows, Macintosh OMR (Quick Medical Reference) is an information and consultation program that provides diagnostic assistance. Users can view profiles of more than 600 internal medicine disorders, receive ranked diagnoses, case simulation and a...

...based patient record and clinical-information manager for the outpatient setting. Two platforms are available: 1) PC version runs on 486 machines with Windows, Windows NT. Developed on GUPTA's SQLWindows...Health; Multi-Facility Organization; Community Health Networks Total Installed: 2 Price Range: \$100,000 to \$ 1 .25 million Hardware/Operating System: Most UNIX platforms and mainframes, Windows, OS/2, Motif Care...

...Australia Hospitals; HMO/PPO/Managed Care; Long-term Care; Multi-Facility Organization Total Installed: Nearly 1 ,000 Price Range: \$525 to \$40,000 and up Hardware/Operating System: Microcomputers, DOS, UNIX ...Terrace E. Englewood, CO 80104 (303) 397-7880; FAX: (303) 643-4427 Matt Morton Research Analyst Market: National HMO/PPO/Managed Care; Clinics/Group Practices Total Installed: 460 Price Range: \$875...Market: National; International Hospitals; HMO/PPO/Managed Care; Clinics/Group Practices; Insurance Companies Total Installed: 1 ,500+ Price Range: \$995 to \$50,000 Hardware/Operating System: IBM PC and compatibles, in...

...with other key constituencies such as CEOs, physicians, nurse executives, academicians and payers.

Chipcom Corporation 1 1 8 Turnpike Rd. Southborough, MA 01772 (800) 228-9930; (508) 460-8900; FAX: (508) 460...

...Care; Long-term Care; Clinics/Group Practices; Home Health; Physicians Total Installed: 110 Price Range: \$ 1 ,000 to \$17,500 Hardware/Operating System: IBM-compatible PCs, PC LANs, DOS 4.01...

...reimbursement-management services that reduce administrative costs and accelerate cash flow. CIS service segments include: 1) EDI Services of PREMIS (electronic claims management, claim archive and retrieval, report writer), POSTPRO electronic...

...Care; Long-term Care; Clinics/Group Practices Total Installed: 800+ Price Range: \$15,000 to 1 million Hardware/Operating System: UNIX, XENIX, AIX - all compatible hardware platforms The CIVITEC Medical System...Care; Clinics/Group Practices; Insurance Companies Total Installed: 2,000+ Price

Range: \$12,500 to \$ 1 million and up Hardware/Operating System: IBM PCs, AS/400, DEC VAX, IBM Mainframe, DOS...

...Communications Manager Market: National; Worldwide Hospitals; Multi-Facility Organization Total Installed: 70,000 Price Range: \$ 1 ,000 to Multimillion Hardware/Operating System: All makes and models Comdisco is one of the...

...Basham Sales Manager Market: National; Worldwide Hospitals; Clinics/Group Practices Price Range: \$10,800 to \$ 1 00,000 Hardware/Operating System: IBM AT-type compatibles, MS DOS Comp Pro Med, Inc...6000, AIX The CLS-2000 laboratory system is installed primarily in commercial laboratories processing from 1 00 to 2,000 samples per day. The AR-2000 billing module is fully integrated...

...Care; Long-term Care; Clinics/Group Practices; Physicians; Insurance Companies Total Installed: 6 Price Range: \$ 1 0,000 and up per module Hardware/Operating System: Novell-based, 486-33DX and above...

...PPO/Managed Care; Long-term Care; Clinics/Group Practices; Home Health Total Installed: 50 to 1 00 Price Range: \$9,000 to \$85,000 Hardware/Operating System: AS/400; OS/400...time license fee plus monthly maintenance and support.

COMPUTERx Consulting 9719 S. Dixie Hwy., Ste. 1 Miami, FL 33156-2806 (305) 666-71 00; FAX: (305) 662-9756 Joseph E. Nadeau...

...804) 346-9994 Allen Novak Vice President Market: National Hospitals; Long-term Care Total Installed: 1 ,300+ Price Range: \$8,950 to \$ 1 00,000 and up Hardware/Operating System: IBM PS/2, Value Point or compatibles (OS ...

...own design. The kit consists of a print-space locator made up of two grid overlays covering form sizes up to 8.5 inches wide and 14 inches long plus an...

...Puerto Rico, UK, Saudi Arabia, Singapore Hospitals; Multi-Facility Organization Price Range: \$75,000 to \$ 1 million Hardware/Operating System: IBM/HP/DEC, UNIX, MVS/VSE Continental Healthcare Systems develops, installs...Care; Clinics/Group Practices; Physicians; Insurance Companies Total Installed: 200+ Price Range: \$100,000 to \$ 1 .5 million Hardware/Operating System: UNIX, OS/400, MVS IBM, HP, Sun, Sequoia, Data General...

...Group Practices; Home Health; Physicians; Insurance Companies; Multi-Facility Organization; Community Health Networks Price Range: \$ 1 ,200 and up per developer Hardware/Operating System: All M platforms CyberTools brings a PC...
...ON PAGE 39.

CyData, Inc. subsidiary of CyCare Systems, Inc. 7001 N. Scottsdale Rd., Ste. 1 000 Scottsdale, AZ 85253-3628 (800) 336-4018; (602) 596-4300; FAX: (602) 596-4466...

...term Care; Clinics/Group Practices; Home Health Total Installed: 336 Price Range: \$100,000 to \$ 1 .5 million Hardware/Operating System: IBM RISC System/6000, Data ...Howland Director, Sales and Marketing Market: National; South America Hospitals Total Installed: 100+ Price Range: \$ 1 ,000 to \$150,000 IM is a PC software-based, turnkey lab instrument server, capable...

...reading technologies, eliminating the need for multiple employee badges. Datamedic 20 Oser Ave. Hauppauge, NY 1 1 776 (800) 446-4021; (516) 435-8880; FAX: (516) 435-8820 David Fetterole National Sales...Hospitals;

HMO/PPO/Managed Care; Long-term Care; Home Health; Physicians; Insurance
Companies Total Installed: 1,000 Price Range: \$2,500 to \$3,345
Hardware/Operating System: Intel compatible, MS DOS...

...SMS products and with all the INVISION clinical and financial
applications. For additional information call 1-800-383-1562.

Dawning Technologies, Inc. 250 Perinton Hills Fairport, NY 14450 (800)
332-0499...

...Clinics/Group Practices; Multi-Facility Organization; Community Health
Networks Total Installed: 75,000 Price Range: \$1,995 to \$4,495 Fax Box is
a standalone fax server that operates with mini...

...modem configurations.

DeLair Systems, Inc. 2639 N. 33rd Ave. Phoenix, AZ 85009 (800) 443-381
1; (602) 269-8373; FAX: (602) 269-6462 W.E. DeLair President Market:
National; Canada Hospitals...

...Longterm Care; Clinics/Group Practices; Home Health Total Installed: 24
Price Range: \$100,000 to \$1.5 million Hardware/Operating System: All
hardware supporting ORACLE UNIX is primary operating system. The...
Clinics/Group Practices; Physicians; Multi-Facility Organization; Community
Health Networks Total Installed: 100+ Price Range: \$1,000 to \$50,000
Clinical-information consulting for laboratory, radiology,
nursing-care/bedside terminals, critical...and symposia and healthcare
computing-related topics.

DOSE Systems, Inc. 3950 Fossil Creek Blvd., Ste. 101 Fort Worth, TX
76137 (817) 232-5003; FAX: (817) 847-8116 Bob Robertson President...

...Market: National; Europe, Far East, Central/south America Hospitals;
Clinics/Group Practices; Physicians Total Installed: 1,000+ Price Range:
\$495 to \$25,000 Hardware/Operating System: IBM PC, Networks Droege
Computing...

...Roberts Director of Sales Market: National; Canada Long-term Care Total
Installed: 500 Price Range: \$1,000 to \$7,500 Hardware/Operating System:
DOS/Novell on PCs Design, develop, distribute, install...of Sales and
Marketing Market: National HMO/PPO/Managed Care; Clinics/Group Practices
Total installed: 1,000+ Price Range: Based on modules and number of users
Hardware/Operating System: DOS, Novell...

...412) 937-0113 Laleh Chiesa Marketing Manager Market: National
Clinics/Group Practices; Physicians Total Installed: 1,300 practices;
5000+ doctors Price Range: \$10,000 to \$15,000 Hardware/Operating System:
IBM PC and RISC-compatible systems; DOS...Merge Software.

Electronic Tabulating Service 245 Peachtree Center Ave. Atlanta, GA
30303 (404) 688-8411; FAX: (404) 688-8925 Eddie Ashe Marketing Manager
Market: National Hospitals; HMO/PPO/Managed Care...Hospitals;
HMO/PPO/Managed Care; Long-term Care; Clinics/Group Practices Price Range:
\$495 to \$1,995 Hardware/Operating System: PC, VAX, MUMPS, VAX DSM, MSM,
Windows NT ESI offers both...

...Market: Worldwide Hospitals; Clinics/Group Practices; Physicians;
Multi-Facility Organization; Community Health Networks Total Installed: 1,
000 Price Range: \$695 to \$895 Hardware/Operating System: Macintosh or PC
Windows Evergreen specializes...

...Hospitals; Hmo/ppo/managed Care; Long-term Care; Clinics/group
Practices; Insurance Companies Total Installed: 1 million Price Range:
Software: \$79 to \$295; Hardware: Infinity Series Falco Data Products, Inc.
manufactures...

...and color applications. Falco also publishes a VDT emulation software
package, Pipeline for Windows 3.1 offering 34 complete emulations

including VT420 and Wyse 60.

Feith Systems & Software, Inc. 425 Maryland...reengineering and TOM. Since 1980, we have served more than 900 clients on more than 1 ,700 engagements.

First Data Corporation, Health Systems Group 10101 Claude Freeman Dr. Charlotte, NC 28201-1037 (800) 4- 1 ST-DATA; FAX: (704) 549-7819 Market: National; Worldwide Hospitals; HMO/PPO/Managed Care; Clinics...Group Practices; Physicians; Insurance Companies; Multi-Facility Organization; Community Health Networks Price Range: \$400 to \$ 1 ,500 Hardware/Operating System: PC, DOS FGSS Inc. provides sales, marketing and consulting services for...

...ambulatory networks.

G

GAMMEX RMI P.O. Box 620327 Middleton, WI 53562-0327 (800) GAMMEX- 1 ; (608) 831-1088; FAX: (608)

836-9201 Jim Mailander Vice President, Sales Market: National; Worldwide...executive management in sales, support, installation and development.

Granite Communications, Inc. 9 Townsend W., Ste. 1 Nashua, NH 03063 (603) 881-8666; FAX: (603) 881-4042 Linda Foley Sales Administrator Market ...Group Practices; Home Health; Physicians; Insurance Companies; Multi-Facility Organization; Community Health Networks Total Installed: 1 ,500 Price Range: \$695 to \$3895 Hardware/Operating System: Open VMS, UNIX GrayMatter Software manufactures...

...Clinics/Group Practices; Home Health Price Range: \$49.95 Hardware/Operating System: IBM, Windows 3. 1 HealthSoft provides consumers with engaging and easy-to-use medical-information and health-management software...

...Medbase also provides for electronic MDR submission and automatic semiannual certifications.

GTE Data Services (GTEDS) 1 E. Telecom Pkwy. (DC A3C) Temple Terrace, FL 33637 (800) 237-2774 ext. 2175; (813...

...National; UK, New Zealand, Australia, Canada Hospitals; HMO/PPO/Managed Care; Insurance Companies Total Installed: 1 ,800+ Price Range: Available upon request Hardware/Operating System: HP UNIX, DG UNIX, AOS/VSII...Care; Long-term Care; Multi-Facility Organization; Community Health Networks Total Installed: 52 Price Range: \$ 1 ,500 to \$4,000 per bed (including hardware and implementation) Hardware/Operating System: UNIX operating...
...Clinical Repository.

Health Care Systems, Inc. 5921 Carmichael Rd. Montgomery, AL 36117 (205) 279-971 1 ; FAX: (205) 279-0711 William D. Henderson Market: National; Australia; Canada Hospitals; Long-term Care...Hospitals; HMO/PPO/Managed Care; Clinics/Group Practices; Home Health Total Installed: 100 Price Range: \$ 1 ,000 to \$25,000 Hardware/Operating System: PC, MS-DOS, Windows Health Strategies, Inc. offers...

...404) 452-6500; FAX: (404) 452-6520 Pat Daniel Marketing Director Market: National Price Range: \$ 1 00,000 to \$2 million Hardware/Operating System: UNIX-based, IBM AIX, RS/6000, Intel...Total Installed: 10,000 Price Range: \$59 to \$500,000 Hardware/Operating System: Windows 3. 1 , 10MB HD, 6 MB RAM HealthDesk is an integrated-software program offering easy-to-use...

...Community Health Networks Total Installed: 23 enterprise/community health networks Price Range: \$80,000 to \$ 1 million and up Hardware/Operating System: intel-based client-server network, MS Windows NT and...Range: \$5,000 to \$250,000 Hardware/Operating System: UNIX, Novell, DOS (MS/Windows on 1 /95), Intel 386, 486, Pentium, HP RISC, IBM RISC, DEC Alpha, SUN Sparc LAB/HEX...Manager Market: National; Europe, Asia and Latin

America Hospitals Total Installed: 6,000 Price Range: \$ 1 ,995 to \$50,000
Hardware/Operating System: Any Hughes LAN Systems offers strategic-network products...

...President Market: National; Australia, Europe Hospitals; HMO/PPO/Managed Care Total Installed: 12 Price Range: \$ 1 ,500 to \$45,000
Hardware/Operating System: 30XX-MVS, VSE, RS/6000 AIX, and PS...

...PPO/Managed Care; Long-term Care; Home Health Total Installed: 32 Price Range: \$300 to 1 ,000 Hardware/Operating System: IBM and compatible systems Consult on legal, regulatory, clinical management, pharmacy...

...Market: National Hospitals; HMO/PPO/Managed Care; Clinics/group Practices; Multi-Facility Organization Total Installed: 1 ,275 Price Range: Price varies with configuration Hardware/Operating System: Digital VAX, Alpha AXP and Installed: 1 ,000+ Price Range: \$ 1 ,695 annual subscription (including free CD-ROM drive with purchase) Hardware/Operating System: PC or...

...HMO/PPO/Managed Care; Long-term Care; Clinics/group Practices; Physicians; Insurance Companies Price Range: \$ 1 ,795 to \$6,000
Hardware/Operating System: All (PC, Mac, CME, UNIX) Image Systems Corporation...

...Clinics/Group Practices; Physicians; Multi-Facility Organization; Community Health Networks Total Installed: 550+ Price Range: \$ 1 ,800 and up Hardware/Operating System: PC: DOS and Windows; Macintosh: System 7 Developed in...
...and attendance processing data collection to payroll systems interfacing.

Individual Software Inc. 5870 Stoneridge Dr., # 1 Pleasanton, CA 94588 (800) 822-3522; (510) 734-6767; FAX: (510) 734-8337 Kathy Cook...

...Price Range: \$15,000 to \$100,000 Hardware/Operating System: PCs, minis, MS Windows 3. 1 , Sybase, Oracle Manufacture and market medical-record-keeping and integrated health-information-management software for...

...Care; Clinics/Group Practices; Home Health; Physicians; Multi-Facility Organization; Community Health Networks Total Installed: 1 ,000 + Price Range: \$12,500 and up (turnkey, PC); \$20,000 and up (turnkey, RS...8533 Lori Futterman Vertical Marketing Manager Market: National; Canada, Mexico Hospitals; Insurance Companies Total Installed: 1 million
Hardware/Operating System: Multiple integrated platforms Intecom combines the strengths of a PBX with...Susan Orchanian General Manager Market: National Hospitals Total Installed: 65 Price Range: \$200,000 to \$ 1 million Hardware/Operating System: IBM AS/400, OS/400 IHS offers integrated software for the...

...Practices Total Installed: 80+ Hardware/Operating System: Client-server architecture: AIX UNIX, RS/6000, OSF/ 1 and ULTREX/DEC Alpha, SCO UNIX/486 and Pentium ChartFlo 2000 offers multimedia chart management...

...Canada Hospitals; Clinics/Group Practices; Home Health Total Installed: 8 Price Range: \$30,000 to \$ 1 00, ...340-9430; FAX: (818) 716-4168 Jay Svvara Sales Manager Market : National Hospitals Total Installed: 1 ,500+ Price Range: \$6,000 to \$62,500 Hardware/Operating System: IBM PC and compatible...

...as the image-capture device.

JDA 388 Market St., Ste. 1450 San Francisco, CA 941 1 1 (415) 434-1014; FAX: (415) 434-0711 Joseph M. DeLuca General Practice Director Market: National...Managed Care; Long-term Care; Clinics/Group Practices; Insurance Companies; Community Health Networks Total Installed: 1 ,500+

Johnson Controls Network Integration Services designs, engineers, installs, tests and maintains advanced integrated communications...

...management applications for hospital and long-term care facilities ranging in size from 50 to 1,000 beds. These products include Threshold for community-based hospitals, Patcom for large teaching hospitals...that runs on industry-standard platforms and uses touch-screen options and MS Windows 3.1 graphical-user interface. Lanier also offers handheld, desktop and workgroup systems.

LanVision, Inc. 10671 Techwoods...

...term Care; Clinics/Group Practices; Insurance Companies; Multi-Facility Organization; Community Health Networks Total Installed: 1,100 systems Price Range: Approx. \$2,005 per seat for typical 50 user configuration (All Insurance Companies; Multi-Facility Organization; Community Health Networks Total Installed: 1,900 Price Range: User-based pricing; modules start at \$20,000 Hardware/Operating System: IBM...

...RISC System/6000-AIX; HP 9000 HP-UX; Unisys U/6000-UNIX; Digital Alpha-OSF/1; Sun SPARC-Solaris; Sequent Symmetry/Dynix-ptx Lawson Software is a full-service supplier of...

...Managed Care; Long-term Care; Clinics/Group Practices; Home Health; Physicians; Insurance Companies Total Installed: 1,200 Price Range: \$475 to \$795 Hardware/Operating System: MS Windows LearnerFirst, Inc. is a...

...term Care Total Installed: 6 Price Range: \$10,000 to \$60,000, or \$250 to \$1,500 monthly Hardware/Operating System: PC DOS The Lenco PharmSys Hospital Pharmacy Computer System integrates...

...and customizes PharmSys at no extra charge. PharmSys is designed for hospitals of 30 to 1,000 beds, using a single workstation or a multistation network. Special pricing and consideration is given to hospitals with fewer than 100 beds.

Lexmark International, Inc. 740 New Circle Rd. Lexington, KY 40511 (606) 232-1183...

...Market: National; Europe Hospitals; HMO/PPO/ Managed Care; Clinics/Group Practices; Insurance Companies Total Installed: 1 1 Price Range: \$1,000 to \$100,000 Hardware/Operating System: Windows PC 486, Windows/NT-compatible PC or...Care; Long-term Care; Clinics/Group Practices; Home Health Total Installed: 100+ accounts Price Range: \$1,500 and up Hardware/Operating System: MS/DOS; UNIX; Apple Food-services and diet-office...

...HMO/PPO/Managed Care; Insurance Companies Total Installed: 24 clients Hardware/Operating System: Windows 3.1 (environment) Novell Netware Provides a comprehensive imaging-based solution called I-MAX designed exclusively for...

...500 to \$125,000 Hardware/Operating System: IBM compatible micro computers, MS DOS 3.1, Windows 3.1

Managed Care Information Systems provides software solutions for healthcare organization's business planning and management challenges...

...National; Canada, Puerto Rico Home Health Total Installed: 530 Price Range: \$20,000 to \$100,000 and up Hardware/Operating System: PC compatible or AS/400, Novell Network MSI offers...

...Range: List price: \$845, Current promotion: \$595 Hardware/Operating System: 386SX processor, Windows 3.1 or OS/2 2.1, Macintosh System 6.06 or higher with Multifinder Designed for use by sales and marketing professionals...System: IBM or compatible 80486DX-33 or higher; DOS 5.0 and

Windows 3.1; Novell Netware 3.12+ and other net BIOS compatible systems
Develops and licenses MEDREC II medical...

...Rd. P.O. Box 280 Churchville, MD 21028 (800) 258-2199; (800) 637-225 1;
(410) 734-7100 FAX: (410) 638-2473 Chades E. Dermott President Market:
National Clinics/Group Practices...

...301) 495-3305; FAX: (301) 495-5964 Sarita Harris Marketing Administrator
Physicians Price Range: \$1, 499 to \$2,500 Media Cybernetics develops
imaging applications and tools. The company's products for...

...455-6274 Thomas J. Schumer President Market: National Hospitals Total
Installed: 40 Price Range: \$1 0 ,000 to \$250,000 Hardware/Operating
System: Data General, IBM, UNIX MCS offers complete hospital...

...Data Electronics 12720 Wentworth St. Arleta, CA 91331 (800) 237-5243;
(818) 768-641 1; FAX : (818) 768-0759 Carol Burdette Marketing Manager
Market: National; International Hospitals; Long-term Care MDE...Worldwide
Hospitals; Physicians; Multi-Facility Organization; Community Health
Networks Total Installed: 2 Price Range: \$1 0 ,000 to \$20,000
Hardware/Operating System: Standard PC hardware; Microsoft Windows NT MDS
offers...

...Management Planning, Inc. 23945 Calabasas Rd., Ste. 102 Calabasas, CA
91302 (800) 572-191 1; (818) 222-6454; FAX: (818) 222-5154 Michael Meisel
President Hospitals Total Installed: 250 Price Range...

...perioperative reporting, PACU and implant logs.

Medical Payment Systems Inc. 24650 Center Ridge Road, #1 1 0
Westlake, OH 44145 (800) 422-0213; (216) 835-2633; FAX: (216) 835-8899
Market: FL...

...and sponsorship of national and international symposia, conferences and
seminars.

Medical Registry Services, Inc. 1 University Plaza Hackensack, NJ
07601 (201) 487-2266; FAX: (201) 487-5184 Rochelle R. Zupnik Market...

...data-management requirements of healthcare professionals since its
incorporation in 1980.

Medical Technology Inc. 1 71 0 Adams St. Cedar Falls, IA 50613 (800)
277-1710; (319) 277-1700; FAX: (...Physicians; Insurance Companies;
Multi-Facility Organization Total Installed: 4,000 Price Range: \$500 to \$1,
500 per user Hardware/Operating System: DOS, Windows, multiple hardware
platforms MedicaLogic is the leader in...

...software to operate an efficient, cost-effective pharmacy,

Medicomp Systems 14585 Avion Pkwy., Ste. 1 000 Chantilly, VA 22021
(703) 803-8080; FAX: (703) 803-8235 Jean Trump Marketing Representative
Market...

...Canada Hospitals; HMO/PPO/Managed Care; Clinics/Group Practices;
Community Health Networks Total Installed: 1, 150 Price Range: \$20,000 to
\$1, 000 ,000 Hardware/Operating System: UNIX, DOS, Windows Medicus Systems
Corp. provides software products and related...

...356-7678 Joel Shuflin General Manager Market: National Hospitals Price
Range: \$12,000 to \$1 00 ,000 Hardware/Operating System: Intel, Novell
Network, DOS, Windows Medi-Mouse Emergency Department Patient Management...

...PPO/Managed Care; Clinics/Group Practices Total Installed: 90 Price
Range: \$5,000 to \$1 00 ,000 Hardware/Operating System: Clients: MS Windows
on IBM-compatible PCs; Servers: MS NTAS or...compliance.

Mediware I/S, Inc., Hemocare 11 21 Old Walt Whitman Rd. Melville, NY 1

1 747 (516) 423-7800; FAX: (516) 423-0161 John Esposito Vice President,
Sales Market: Worldwide Hospitals...

...Rx templates, DSM codes, diagnostic templates and many other features.
Runs in WordPerfect 5.1; includes spellchecker. Reduces malpractice
liability.

MICRO Healthsystems, Inc. 414 Eagle Rock Ave. West Orange , NJ 07052

...

...system for home health agencies. DOS-based system consists of the
following eight modules: 1. Patient Admission and Charges; 2.
Certification and Plan of Treatment; 3. Billing; 4. Accounts Receivable; 5
...New Zealand Hospitals; Clinics/Group Practices; Physicians Total
Installed: 300+ Price Range: \$69 to \$1, 225 Hardware/Operating System: IBM
PC and compatibles MS-DOS) Production of healthcare applications software.
Packages...

...Physicians; Insurance Companies; Multi-Facility Organization; Community
Health Networks Total Installed: 325 Price Range: \$1, 200 to \$12,000
Hardware/Operating System: PC, DOS and Windows MicroScript is the leading
interface...CO 80209 (800) 968-5886; (303) 733-4447; FAX: (303) 733-4434
Paul Kaitz Analyst Hospitals ; HMO/PPO/Managed Care; Clinics/Group
Practices; Physicians Hardware/Operating System: Platform independent,
easily portable...

...Range: \$195 to \$4,950 Hardware/Operating System: IBM PC or compatible,
DOS 2.1 or higher Namer: A PC-based name-generation tool for developing
company (hospital), service and product...

...Clinics/Group Practices; Home Health Total Installed: 6,000+ Price
Range: \$9,000 to \$1 00 ,000 Hardware/Operating System: IBM PS/2 micro, DEC
and Data General mini computers NDC...PPO/Managed Care; Multi-Facility
Organization Total Installed: 127 Price Range: \$50,000 to 1 million +
Hardware/Operating System: UNIX Specializes in multisite processing
including physicians, clinics, hospitals, nursing homes, HMOs...

...Care; Clinics/Group Practices; Home Health; Physicians Total Installed:
800+ Price Range: \$198 from 1 to 3; \$598 over 20 physicians
Hardware/Operating System: IBM compatible MS-DOS The Comprehensive Diet...
of strategic partners and resellers.

On-Line Consultant Software 910 Sunrise Ave., Ste. A-1 Roseville , CA
95661 (916) 773-2852 Nancy Greene Product Information Market: National;
Canada, Saudi Arabia Hospitals...

...Care; Insurance Companies; Multi-Facility Organization Total Installed:
800+ Price Range: \$7,200 to \$1 00 ,000 and up Hardware/Operating System:
PC LAN Optika Imaging Systems, Inc. provides high-performance...

...training-management and records-documentation software package. Training
Officer, HealthCare program, IBM PC or 1 00 percent compatible DOS
operating system. Software program includes registration, historical
training records, certification, budget, lending...

...Van de Kerkhove Vice President Market: National; Canada Hospitals Total
Installed: 40 Price Range; \$1 0 ,000 to \$45,000 Hardware/Operating System:
PC, LAN, DOS, Novell PTS is designed to...Managed Care; Clinics/Group
Practices; Physicians; Multi-Facility Organization Total Installed: 350
Price Range: \$1, 200 to \$2,400 per year Hardware/Operating System: DOS,
Windows, UNIX, AIX PenLinc Software is...

...Performance Pharmacy Systems, Inc. P.O. Box 2588 Cullowhee, NC 28723
(800) 524-561 1; (704) 293-9788; FAX: (704) 293-9353 Bill Johnson Senior
Vice President, Sales and Marketing Market...

...Ph., M.A. President Market: National Hospitals; Home Health Total Installed: 10 Price Range: \$1, 850 and up per month for a two-user network Hardware/Operating System: 486 clones, Pentium...to IBAX hospitals around the nation. Pike Consulting was founded in 1983.

PKC Corporation 1 Mill St., Box A-8 Burlington, VT 05401 (800) 752-5351; (802) 658-5351; FAX: (802)...

...Companies; Multi-Facility Organization; Community Health Networks Total Installed: 350 Price Range: \$495 to \$1 million Hardware/Operating System: PC, Windows-based Problem Knowledge Couplers are Windows-based point-of-care...

...Sales Manager Market: National Hospitals; HMO/PPO/Managed Care; Clinics/Group Practices Total Installed: 1, 521 Price Range: \$ 1, 100 to \$5,500 Hardware/Operating System: DEC and IBM platforms Planar Systems, Inc. manufactures flat...

...installs instantly and pivots from a 20" vertical display, which allows a full 8 1/ 2 " x 11 " page to be viewed in readable font, to a 15" horizontal monitor great...

...National; Europe, Australia, Canada Hospitals; Long-term Care; Clinics/Group Practices; Physicians Total Installed: 1, 000 + Price Range: \$1, 000 to \$100,000 Practorcare develops and markets computer systems for dietary, maintenance/engineering, materials management...Stanfield President and Chief Executive Officer Market: National Hospitals Total Installed: 47 Price Range: \$1 0 ,000 to \$500,000 Hardware/Operating System: Data General, IBM, UNIX PRO-HEALTH offers complete...

...or better with 6Mb RAM, hard drive, VGA color, DOS 5.0, Windows 3.1 or better PROMODEL Corporation produces, distributes and supports MedModel, a fully animated, Windows-based software program...National; Europe, Latin America, Pacific Rim Hospitals; Clinics/Group Practices; Insurance Companies Total Installed: 1, 000 + Price Range: \$3,000 and up Hardware/Operating System: Tape and Optical Jukeboxes/ SUNOS, Solaris...

...term Care; Clinics/Group Practices; Home Health; Physicians Total Installed: 3,500 Price Range: \$1, 695 and up The Quick Notes System provides the doctor with highly structured patient-progress notes...term Care; Clinics/Group Practices; Home Health; Insurance Companies Total Installed: 50 Price Range: \$1 0 ,000 to \$150,000 Hardware/Operating System: All types RFK Associates, Inc. was formed in...

...444-5581 John H. Eads Vice President Sales and Marketing Market: National Total Installed: 1, 000 Price Range: \$20,000 to \$500,000 Hardware/Operating System: IBM RS/6000, Intel Pentium...Practices; Home Health; Physicians; Insurance Companies; Multi-Facility Organization; Community Health Networks Total Installed: 1 million Price Range: User-based, beginning at \$695 Hardware/Operating System: UNIX The Santa Cruz Operation...

...is installed in institutions with as few as 30 beds and as many as 1, 500 .

Scantron Corp. 1361 Valencia Ave. Tustin, CA 92680-6463 800) 722-6876, ext. 650; (714)...

...and Sales, 1550 San Pablo Ave. Oakland, CA 94612 (800) 966-0699; (510) 419-1 000 ; FAX: (510) 419-3699 Theresa Reidman Customer Service Manager Market: National; Worldwide Hospitals; HMO/PPO...nationwide customer support.

Sigma Imaging Systems, Inc. 622 Third Ave. New York, NY 100 1 7 (212) 476-3000; FAX: (212) 986-0175 Mary Maguire Market: National; Japan,

Europe Insurance Companies...

...FAX: (703) 281-2509 Paul Krumpe Sales Engineer Market: National;
Worldwide Hospitals Price Range: \$1, 200 and up Hardware/Operating System:
Macintosh, System 6.0.5 or higher IPLab Spectrum software...

...updates Hardware/Operating System: DOS, UNIX Since 1984, systems
integrator, developer of Med+Plus 1 and Med+Plus 2 Medical Record Cards.
Plus1 is a proprietary Hybrid IC Card with short...

...Practices; Home Health; Physicians; Insurance Companies; Multi-Facility
Organization; Community Health Networks Total Installed: 1, 300 SMS
provides a comprehensive line of clinical, financial and
management-information systems and support services...of financial, human
resource, materials-management and process manufacturing software. Software
2000 has over 1, 000 clients worldwide representing a wide variety of
industries including manufacturing, banking, insurance, hospitality,
healthcare and...

...Marketing Market: National Hospitals; Clinics/Group Practices; Home
Health; Physicians Price Range: \$499 to \$1, 799 Hardware/Operating System:
IBM PCs & Compatibles, PC Networks Billing: Complete patient accounting
and practice management...

...and PC networks.

Springer-Verlag New York, Inc. 175 Fifth Ave. New York, NY 1 001 0
(800) SPRINGER; (212) 460-1628; FAX: (212)

473-6272 Andrea Seils Editor Market: National...up Hardware/Operating
System: IBM compatible PCs, 640K memory, DOS version 2.0+, Lotus 1- 2 -3
environment and IBM mainframes via 123/M The Advisor Series is a budgeting,
financial...2902 Robert L. Pogorelc Sales Manager Market: National;
International Hospitals; Insurance Companies Price Range: \$1, 000 to
\$100,000 Hardware/Operating System: Micro processor based or PC-based, MS
DOS IBM...

...call for pricing information Hardware/Operating System: DEC VAX/VMS,
Apple Macintosh System 7.1, Windows for Workgroups 3.x MacPath and
WindoPath use the latest technology: a graphical user interface...President
Market: National Hospitals; Long-term Care; Home Health Total Installed: 3
Price Range: \$1, 000 to \$1, 500 Hardware/Operating System: Client-server
PC network; Intersystems M Thornberry provides nursing and
clinical-documentation...management functions and outcomes measurement.

SEE OUR AD ON PAGE 95.

3Net Systems, Inc. 1 1000 White Rock Rd., Ste. 200 Rancho Cordova,
CA 95670 (916) 851-3900; FAX: (916) 638...

...Group Practices; Home Health; Insurance Companies Total Installed: 45
Price Range: \$30,000 to \$1. 5 million Hardware/Operating System: IBM
compatibles, OS/2, DOS 3Net develops and implements its PC...

...Market: National Hospitals; Long-term Care; Clinics/Group Practices
Total Installed: 8 Price Range: \$1, 900 to \$3,900 Hardware/Operating
System: Desktop PCs, DOS TwinNet was designed to meet the...Market:
National Hospitals Total Installed: 15 (+25 in progress) Price Range:
\$7,000 to \$1 0 ,000 per bed Hardware/Operating System: UNIX ProTouch is
the most sophisticated and intuitive patient...

...Lorraine Meng Manager, Customer Service Total Installed: 2.3 million
Price Range: \$300 to \$1, 995 (MSRP) ViewSonic manufacuters high-end
computer monitors, with screen sizes ranging from 14" to 21...

...Health; Physicians; Insurance Companies; Multi-Facility Organization;

Community Health Networks Total Installed: More than 1, 200 integrated workflow/imaging systems Installed Price Range: Variable Wang provides technologically advanced business solutions that...FAX: (509) 466-2183 Katie Haney Market: National Clinics/Group Practices; Physicians Total Installed: 1, 500 practices - 4,500 physicians Hardware/Operating System: PCs, MS DOS and Novell Netware Wismer* Martin...

...6700 ext. 2236; FAX:

(708) 913-8766 Karen M. Longe Market: Worldwide Price Range: \$1, 495 and up Zebra Technologies is an international provider of innovative barcode labeling solutions for healthcare...

9/K/10 (Item 4 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01688545 **Supplier Number: 15356060 (Use Format 7 Or 9 For FULL TEXT)**

Tools and utilities. (1994 Database Buyer's Guide and Client/Server Sourcebook) (Buyers Guide)

DBMS , v7 , n6 , p63(29)

June 15 , 1994

Document Type: Buyers Guide

ISSN: 1041-5173

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 46074 **Line Count:** 03903

...Sequential, SQL/400, SQL/DS, Oracle, DB2/2, and XDB. Runs with Windows.

CodeTranslator 2. 1 Sequiter Software Inc., Newmarket, NH

403-437-2410

Uses a comprehensive four-pass algorithm to...

...maintain and adapt applications in dBASE, and translate again when necessary. \$245.

d-tree 3. 1 FairCom Corp., Columbia, MO 314-445-6833; 800-234-8180

Lets users increase application development...debug work in progress or provide final client documentation. \$129.

Dr. Taylor's Big Test 1 .4 Vermont Creative Software, Richford, VT 802-848-7731; 800-848-1248

Used on PCs...

...Big Test includes a copy of ProComm communication software. \$499.

Dr. Taylor's Test v. 1 .4 Vermont Creative Software, Richford, VT 802-848-7731; 800-848-1248

A programmer's...2, or compatible. It requires at least 512KB of free memory, and DOS version 3. 1 or later. Single PC license: \$2500. Multiple copy discounts begin at five copies.

SQA TeamTest...server platforms: Sun SPARC, IBM RS/6000, and HP 9000. Client user interfaces: Windows 3. 1 , Macintosh, Motif, and Open Look.

Vermont HighTest vl.0 Vermont Creative Software, Richford, VT 802...

...with Btrv++ and VBtrv/C++ products. Supports Windows, DOS, and OS/2, Requires: Windows 3. 1 and Btrv++. Generated code supports all Btrv++ environments. Btrieve runtime library for Windows included. Price...

...standardized screens and reports through the use of templates and domain conversion tables. Supports Bachman/ Analyst and Bachman/DBA for DB2, and the KnowledgeWare ADW Analysis and Design Workstation Tools. Available...
...189.

Design PullDowns Artful Applications, Toronto, Ontario, Canada
416-920-7395

Intended for both system analysts and programmers. Allows the design and generation of pulldown CA-Clipper menu systems with menus... generator/prototyping system for CA-Clipper that supports seven menu styles, including pull-down, cascading, 1 -2-3, and boxed 1 -2-3. Lets developers tie hot keys and security levels to each menu item. Developers ...

...Includes a complete copy of PKWin. Also works with Revelation Technologies' OpenInsight. \$895.

Magic Fields 1 . 1 Blue Sky Software Corp., La Jolla, CA
619-459-6365; 800-677-4946

Lets users...size. Other Screen Design Kit accessories are included. Requires IBM PC or compatible, DOS 2. 1 or later, and 38K of memory.
\$99.95.

Scrimage 2. 1 Synergy Corp., Davie, FL 305-792-1866

A screen design tool that generates source code...object-oriented code library mangement, because of its flexibility and customizable validation rules. \$2995.

Bachman/ Analyst Bachman Information Systems, Burlington, MA
617-273-9003

Provides a flexible modeling environment that lets data analysts , programmer/ analysts , and business analysts create data models, data-flow diagrams, functional decomposition diagrams, and detailed process specifications. Data models...

...synchronized with multiple RDBMS environments to assist in migration and implementation of new technologies.

Bachman/ Analyst Capture Bachman Information Systems, Burlington, MA
617-273-9003

Brings information from legacy systems into the Bachman/ Analyst , enabling companies to reuse information for their modeling efforts. These products bring information from a...

...R Report Writer, and other third-party software providers. No programming Required. Requires Windows 3. 1 . \$129.

Deft Sybase Inc., Emeryville, CA 510-596-3500; 800-879-2273

A Macintosh-based...can be delivered on either Unix or Windows. With Kappa Comm-Manager, an object request broker , customers can distribute applications, including program logic, across Unix, Windows, and MVS. Works with Object...

...analysis and design tool that incorporates directly executable diagrams and business rules. OMW brings together analysts , programmers, and end users by providing one common underlying model representation. Based on Martin/Odell...

...process model support; and repository functions. \$12,500 and up.

MacAnalyst and MacAnalyst/Expert 4. 1 Excel Software, Marshalltown, IA 512-752-5359

A CASE tool for integrated structured analysis, data...

...later. MacAnalyst: \$995. MacAnalyst/Expert: \$1595. Site licensing also available.

MacDesigner and MacDesigner/Expert 4. 1 Excel Software, Marshalltown, IA 515-752-5359

A CASE tool that automates the structured design...Process Decision Program Charts, Process Breakdown Structure Charts, YPL, and Petri Nets.

\$3000-\$5000.

RightStart 1.3 Informatica Corp., Los Angeles, CA 310-479-4601;
800-653-3871

Accelerates the migration...

...provides a simple way to view and load legacy data. RightStart is a Windows 3.1 tool. Analyzes ANSI-74, ANSI-89, Micro Focus, and IBM mainframe, and mini-computer Cobol...As one aspect of the model changes, other aspects automatically change as well. \$995.

Visible Analyst Workbench Visible Systems Corp., Waltham, MA
517-890-2273

A set of CASE tools designed...

...SQL Server, Oracle, SQLBase, and dBASE IV. Runs under Windows. Prices start at \$4000.

Visible Analyst Workbench --- Data Modeling Tool Visible Systems Corp., Waltham, MA 617-890-2273

Offers entity-relationship...

...Provides extensive checking, balancing, key analysis and synchronization, and data normalization. Runs under Windows.

Visible Analyst Workbench -- I-CASE Toolset Visible Systems Corp., Waltham, MA 617-890-2273

A full-function...

...engineering. Client/server architecture in single-user and multiuser LAN versions. Runs under Windows.

Visible Analyst Workbench -- Process Modeling Tool Visible Systems Corp., Waltham, MA 617-890-2273

Provides process-modeling...

...flat files residing on an IBM mainframe with MVS/XA and MVS/ESA (release 2.1.2 or later). Pricing starts at \$18,000.

ClipWKS Grumpfish Inc., Salem, OR 503-588...

...Also, Clip WKS can read the contents of cells directly from the spreadsheet. Supports Lotus 1-2-3, Quattro Pro, and Excel. Features both high-level and low-level functions. Its...

...integration license. 30 days free voice support and one year free BBS support. \$199.

Conduit 1.5 Kallista Inc., Chicago, IL 312-663-0101

Lets Paradox users import and export mainframe...for Interactive and SCO SysV on 386/486, Sun SPARC under SunOS and Solaris 2.1, HP 9000/700, and IBM RS/6000 under AIX 3.2. Runtime/OEM license also available.

Database Link Products for the SAS System & RS/1 Software Interfaces, Houston, TX 713-492-0707

The Database Link products XSTAT, ISTAT, OSTAT, RSTAT...

...Oracle, Rdb/VMS, and Sybase, respectively. The Link Products for the SAS System and RS/1 provide a single-step, bidirectional link between the SAS System and an RDBMS. With the...DB2, SQL/DS, Teradata, CA-IDMS, IMS, QSAM, and VSAM. Supported PC products include Lotus 1-2-3, Excel, Nomad for DOS, Chart, and Multiplan, as well as ASCII and ASCII...

...data. The data-conversion component lets users convert data to decision-support tools, including Lotus 1-2-3, Excel, WordPerfect, the RS Series, and the SAS System. Requires no data dictionary...servers: \$995-\$1495.

ATWalker Panttaja Consulting Group, Healdsburg, CA 707-433-2629

Lets system administrators view the allocation and content of the data pages in their systems and examine the physical storage of the data. System administrators can view pages by objects or by page number. If the

server informs them of an error...

...an index, or why the table takes more pages than previously. Supports Microsoft SQL Server 4.2, Microsoft SQL Server for NT, and Sybase SQL Server 4.2 through 4.9.1. Support is planned for System 10. \$695.

ATXtract Panttaja Consulting Group, Healdsburg, CA 707-433... applications from a single console. Runs on Digital's OpenVMS AXP, OpenVMS VAX, DEC OSF/1 platforms, and other Unix platforms including Solaris, HP-UX, IBM AIX, Sequent, and Silicon Graphics...advanced tool for designing and editing DEC Rdb for OpenVMS schemas. Whether users are DBAs, analysts, or designers, GSE helps them create, edit, and print both the logical and physical schemas...

...to application code. Operates with minimal system overhead on VMS/VAX, VMS, AXP, and OSF/1, and can be used in both development and production environments. Provides both comprehensive reports and...the design of new databases or in the analysis of existing databases. For DOS 3.1 and later, or Windows 3.0 or 3.1. \$995-\$2995.

Object DB

DBCORP Information Systems Inc., Calgary, Alberta, Canada
403-237-6130

An...of the enterprise client/server replication environment. Platforms include: IBM RS/6000, DEC AXP OSF/1, HP 9000/800/700, Sun/OS, Sun/Solaris, and AT&T GIS (NCR) System 3000...

...Offers automatic data partitioning and fast defragmentation of tablespace while Oracle is online. With Oracle7.1, TSreorg utilizes multiple reload threads on multiCPU computers to complete reorgs faster. Uses failure prediction...

...The program increases efficiency by freeing up disk space. Supports all filePro versions through 4.1 on DOS only. Volume discount available. \$95.

PC-Install for DOS/Windows 20/20 Software...functions. Includes Crystal Reports for generating reports in Windows. \$299.95.

Pinnacle Relational Engine 5.1 Vermont Databases Corp., Stowe, VT
802-253-4437; 800-822-4437

A complete client/server...

...bound (single-user) and client/server configurations. Includes source code. \$595 and up.

Professional IDL 1.4 Persistent Data Systems Inc., Pittsburgh, PA
412-963-1843

For programmers building applications that...pcl. Handles images up to 1024x768 with up to 256 bits of color (VESA BIOS 1.2). Lasrtrax supports PostScript. The viewers support foreign-language drivers and other programs that remap...extended memory support. Works with CGA, VGA, EGA, Super VGA, and Hercules on DOS 2.1 or later. \$249. With source: \$699

GX Text Genus Microprogramming Inc., Houston, TX 713-870...

...extended memory. Works with CGA, VGA, EGA, Super VGA, and Hercules. Available for DOS (2.1 or later) and Windows. \$249. With source code: \$599.

Proteus 5.0 Genus Microprogramming Inc...a graphical prototyping and code development tool called Builder. Lets users interactively define and immediately view all graphs. Runs on the following platforms: DECstation, DecAlpha OSF/1, HP 900 300/400 and 700/800, IBM RS/6000, SCO ODT 386/486, SGI, Sun, Unix V. 4 386/486, Open VMS/VAX, and OpenVMS/AXP. Single development license: \$1995.

HELP SYSTEMS

Expert...

...EMS). Each kit comes with a Personal Use Engine, Database Compiler, and

Demo Engine. Kit # 1 , the Dedicated Engine (\$329), can read only the databases the developer specifies. Up to 100...the standard WinHelp engine. Simple point-and-click forms provide support for all Windows 3. 1 help compiler features, such as non-scrolling regions, secondary windows, help window positioning, advanced paragraph...

...a CA-Clipper, dBASE, or FoxPro window. No royalties or runtime fees. \$179.95.

AutoFox 1 .0 Black & White International Inc., New York, NY
212-666-4030; 800-932-9202

Adds...manages memory, eliminates state-change problems, and reduces code volume. \$499 and up.

CodeBase 5. 1 Sequiter Software Inc., Newmarket, NH 403-437-2410
Brings multiuser database-management capabilities and Xbase...

...on DOS, Windows, OS/2, or Unix. Includes Windows custom interface controls. \$495.

CodeBasic 5. 1 Sequiter Software Inc., Newmarket, NH 403-437-2410
Gives Visual Basic for Windows and DOS...fast Zmodem functions; and CA-Clipper 5.0 and Summer '87 source code. Supports all overlay linkers, highspeed modems, 115200 baud, 16550A chip, non-standard com ports, and third-party libraries...

...and security options. Includes CA-Clipper 5.0 and Summer '87 source code. Supports all overlay linkers, high-speed modems, 115200 baud, 16550A chip, and nonstandard com ports. Free demo can...for modification of jobs in the Novell print queue. No royalties. \$299.

NetLib for FoxPro 1 .0 Pinnacle Publishing Inc., Kent, WA
206-251-1900; 800-788-1900

A complete networking...

...information. Includes 11 functions for controlling Novell's print capturing. No royalties. \$299.

NOVLIB 2. 1 Blink Inc., Richmond, VA 804-747-6700
A dynamically overlayable Novell network function library for...OS/2, OSF/Motif, and Open Look. \$1950-\$6300. Reader service #862.

XVT PowerObjects Pak 1 XVT Software Inc., Boulder, CO 303-443-4223;
800-678-7988

Portasble cusdtom controls objects...elements. Accesses an unlimited number of dBASE, R:Base, Paradox, CA-Clipper, FoxBase/FoxPro, Lotus 1 -2-3, SuperCalc, Excel, memo and note fields, DIF, ASCII, word processors, and grahics files...bordered and/or filled) with 24 different icons and unlimited line and bar variations. Type 1 fonts can be downloaded from within an application, ensuring that the printer has all the...

...for Microsoft's Visual Basic Data Manager control. Optimized for Btrieve access to provide 10: 1 speed improvement at just 10 percent of the resource usage. SQL queries are mapped to...

...dynamic, runtime constraints without programming. Exports data to other desktop tools such as Excel, Lotus 1 -2-3, FrameMaker, and DataPivot, and takes full advantage of Macintosh System 7 and Windows 3. 1 for dynamic data exchange. Supports most major relational databases, including AS/400, DAL, DB2, Informix...

...of SQL and OBE to do ad hoc queries and report writing against Xbase and 1 -2-3-files. Using the menu-design facility and dBASE programming constructs, developers can also...users with answer sets formatted for the Windows clipboard, and other popular Windows applications, including 1 -2-3, Excel, Word for Windows, and WordPerfect. A Macintosh version is planned for 1994. EDA/Link 2. 1 communications software is required for EDA session support. \$199 (\$239 with EDA/Link 2. 1). Volume discounts

available.

FindOut! Open Data Corp., Lexington, MA 617-860-8300
A client/server...

...dictionary builder, database mapper, dynamic forms, and reports designer. The information end-user component, FindOut! Analyst, provides an easy method for launching complex queries, asking ad hoc and follow-up questions...

...access toolbars, fast data selector tool, a forms and reports designer, and integration with Lotus 1-2-3, Excel, and other desktop software. Supports Sybase SQL Server 1.7, or 4.2 or later; IBM Database Manager OS/2 1.3 or later; Oracle 6 or later; IBM DB2 2.3 or later; and IBM SQL/DS 3.3. FindOut! Builder: \$995. FindOut! Analyst: \$4995.
Freeform 7.4 Dimension Software Systems, Las Colinas, TX 214-580-1045
A menu...

...mainframes, midrange servers, or desktop systems, into formatted desktop reports or other applications, including Lotus 1-2-3, Microsoft Excel, and most word processors. Data sources include DB2, IMS, VSAM, Informix...

...Wave connected to HP 3000 and HP 9000 servers. \$495-\$750 per user.
Iconic Query 1.3 IntelligenceWare, Los Angeles, CA 310-216-6177; 800-888-2996
Uses icons and its...an interface for automatically reformatting host-based data to 10 PC file formats, including Lotus 1-2-3, Excel, WordPerfect, Btrieve, and Word for Windows. \$500-\$42,000.
KnowledgeSeeker Angoss Software...

...from other Windows applications, such as Microsoft Word and Excel, WordPerfect for Windows, and Lotus 1-2-3 through menu options. Users can also copy the results of a query to...

...Sybase and Microsoft SQL Server, dBASE, and Paradox. Runs under Windows. \$395 (\$99 through 6/1/94).

Oracle Browser Oracle Corp., Redwood Shores, CA 415-506-7000; 800-633-0583

A...tabs, pie charts, and bar graphs. Lets IS deliver prepackaged business data to managers and analysts, without the need to custom-program individual user features. A multidimensional drill-down structure is...

...used to filter records in a report or to find any record. \$149.
quest 2.1 Gupta Corp., Menlo Park, CA 415-321-9500; 800-876-3267
An end-user data...data. The data-conversion component lets users convert data to decision-support tools including Lotus 1-2-3, Excel, WordPerfect, the RS Series, and the SAS System. Does not require data...

...options. Reporting can be done from CodeReporter, a CodeReporter launch utility, or a CodeBase 5.1 application. Uses the Bit Optimization technology of CodeBase 5.1, allowing querying of a 500,000-record data file in one second. \$195.

Crystal Reports...over the layout of information is provided through centering, justification, and wrapping in columns.

FlexQL 1.1 Data Access Corp., Miami, FL 305-238-0012; 800-451-3539

A SQL-based relational report writer for dBASE, Paradox, DataFlex, Lotus 1-2-3, Btrieve, ASCII, DIF, and Sylk file formats that runs on DOS and Unix...table with a date file and text can be displayed or printed in a calendar. View date information via monthly, multiweek, weekly, or daily calendars. Users can specify the table and...

...Epson printers; can be customized for additional printers. Entirely

menu-driven; supports paradox 3.5, 4 .0, and 4 .5. Standard edition: \$145. Network five-pack: \$375. Runtime: \$195.

PowerPlay Cognos Inc., Burlington, MA...x, Cohert, or Xenix) or Macintosh. Supports all commercial grade C compilers. \$295.

Raosoft Ezreport 1 .2 Raosoft Inc., Seattle, WA 206-525-4025

Lets users produce detailed, custom reports from...

...data. The data-conversion component enables users to convert data to tools such as Lotus 1 -2-3, Excel, WordPerfect, the RS Series, and the SAS System. Accesses DB2, Informix, Ingres...calculated fields, quickly draw connecting line borders, and color fields in forms. Also lets users view and edit all of a field's validity settings or report settings in one screen. The right mouse button provides context-sensitive menus through out Paradox. Supports Paradox 4 .0 and 4 .5. APForm 2 is included for Paradox 3.5. Standard edition: \$99. Network five-pack...

...Blink Inc., Richmond, VA 804-747-6700

A 286 DOS extender, Windows linker, and dynamic overlay linker to create programs that will run in both real- and protected-mode DOS. Compatible...

...Win Grumpfish Inc., Salem, OR 503-588-1815; 800-367-7613

Lets Ca-Clipper 5. 1 and 5.2 developers create Windows executables that take advantage of the Windows environment. Provides...OutFox and OutFoxPro

Hilco Software, Sebastopol, CA 707-829-5011

Decompilers for FoxBASE+ and FoxPro 1 .0 compile programs that generate ASCII text source files from unencrypted application programs. Variable and...

...developers create large DOS programs that run in less memory. Allows design of a complex overlay structure with no limit on of a complex overlay structure with no limit on the number of overlays . Supports most compilers. Offers virtual-memory linking, a process in which code from object modules...

...no royalties apply. Executables run on any PC-compatible machine. Supports VML Microsoft C 5. 1 or later, MASM, and Pascal; Borland C++3. 1 or later; Turbo C++ and TASM; Zortech C++;CA-Clipper; Code View; and Turbo Debugger. \$495.

SmartMem 1 .53 Integrated Development Corp., Hampstead, NH 603-329-5522;

9/K/11 (Item 5 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01613921 **Supplier Number: 13901763 (Use Format 7 Or 9 For FULL TEXT)**

Tools and utilities. (software packages that help database developers prototype and design applications, query, and create help systems, among other uses) (1993 Database Buyer's Guide Special Issue) (Buyers Guide)

DBMS , v6 , n7 , p63(33)

June 15 , 1993

Document Type: Buyers Guide

ISSN: 1041-5173

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

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...engines on any platform supported by both ACUCOBOL-85 and Informix (excluding DOS). \$578-\$578-\$ 1 ,155 and up.

Btrieve Developer's Kits Novell Inc., Austin, TX 512-794-1796, 800...

...maintain and adapt applications in dBASE and translate again when necessary. \$245.

d-tree 3. 1 FairCom Corp., Columbia, MO 314-445-6833, 800-234-8180

d-tree makes application developers...application distribution, and create suitable target environments for application systems. Micro Focus COBOL for UNIX: \$ 1 ,250. Micro Focus Toolbox for UNIX: \$625.

Oracle Call Interfaces and Oracle Precompilers Oracle Corp...fields, quickly draw connecting line borders, and color fields in forms. APForm also lets users view and edit all of a field's validity settings or report settings in one screen. The right mouse button provides context-sensitive menus throughout Paradox. APForm 4 supports Paradox 4 (standard mode). APForm 2 is included for Paradox 3.5. Standard edition: \$99. Network 5...debug work in progress or provide final client documentation. \$129.

Dr. Taylor's Big Test 1 .4 Vermont Creative Software, Richford, VT 802-848-7731, 800-848-1248

This version of...

...Big Test includes a copy of Procomm communication software. \$499.

Dr. Taylor's Test v. 1 .4 Vermont Creative Software, Richford, VT 802-848-7731, 800-848-1248

An easy-to...

...and NATURAL CONSTRUCT, the NATURAL Architect Workstation provides an integrated full life-cycle CASE environment. \$ 1 ,600-\$8,000, depending on quantity.

NOMAD Application Performance Analyzer MUST Software International, Norwalk, CT...5-pack: \$375. Run time: \$195.

ParaView FMS Inc., Vienna, VA 703-356-4700

Para View documents Paradox tables, fields, indexes, forms, and reports. ParaView analyzes tables for record sizes, optimization...

...with 23 forms, or users can create their own. Supports Paradox 3, 3.5, and 4 (standard mode). Standard edition: \$145. Network 5-pack: \$375. Run time: \$195.

PowerDesigner Cognos Inc...

...product that helps bring a disciplined engineering approach to application design. PowerDesigner enables a systems analyst to start at the logical design level, specifying an entity-relationship model and data-flow...

...greater return on testing investment. QA Partner runs on Windows, Macintosh, Open Look, and Motif. \$ 1 ,500-\$5,000, depending on hardware platform.

ScriptView 4.0 Farpoint Systems Corp., Jersey City...

...or compatible. It requires at least 512KB free memory (640K desired), and DOS version 3. 1 or later. Single PC license: \$2,500. Multiple copy discounts begin at five copies.

SOS...SQL statement is invoked to ensure all logic threads in the code have been exercised. \$ 1 ,880 to \$128,080, depending on platform and number of users.

APPLICATION GENERATORS AND SCREEN...

...DS, DB2, SUPRA, IMS, IDMS, DATACOM/DB, TOTAL, RDB, and OS/2 EE Database Manager. \$ 1,000-\$300,000. Circle reader service #573.

Advanced Pick Tools Ridgen Inc., Boulder, CO 303...mainframe or OS/2 or DOS workstation. CA-TELON generates COBOL, COBOL II, or PL/1 code for mission-critical applications that target IMS, CICS, AS/400, UNIX, DOS/VSE, OS...

...95.

Designer PullDowns Artful Applications, Toronto, Ontario, Canada 416-920-7395

Intended for both system analysts and programmers, and allows the design and generation of pulldown Clipper menu systems with menus...

...front-end menu generator/prototyping system that supports seven menu styles, including pull-down, cascading, 1-2-3, and boxed 1-2-3. With Grumpfish Menu, developers can tie hot keys and security levels to each... and support for DOS, OS/2, Windows, UNIX, and AIX. Version also available for UNIX. \$ 1,250.

NATURAL CONSTRUCT Software AG, Reston, VA 703-860-5050

A model-based application generation...screen. Other Screen Design Kit accessories are included. Requires IBM PC or compatible, DOS 2.1 or later, and 38K memory. \$99.95.

Scrimage 2.1 Synergy Corp., Davie, FL 305-792-1866

A screen design tool that generates source code...459-6365, 800-677-4946

A C/C++ code generator and prototyper for Windows 3.1, NT, and Win32s. Allows users to create a toolbar, test and run a design and...

...generator for Borland language products. WinGEN lets developers create portable source code for Windows 3.1, OS/2 2.1, or UNIX applications, build GUI front ends, and create royalty-free applications. Converts Object-Vision...

...across many host, midrange, and workstation environments. AD/Cycle tools support COBOL, C, C++, PL/1, FORTRAN, and RPG languages. AD/Cycle generator products, including IBM's Cross System Product, allow... simultaneous tasking, interactive syntax checking of program logic, and improved design diagrammers. \$10,700.

BACHMAN/Analyst (OS/2) Bachman Information Systems, Burlington, MA 617-273-9003

Allows data analysts, programmer/analysts, and business analysts to model information systems more quickly and cost-effectively than traditional CASE or non-CASE techniques. The BACHMAN/Analyst provides multiple views of an application as it is modified, allowing the business analyst to understand the model regardless of the technical implementation. It incorporates the data, logic, and...

...single, unified model. Per license: \$10,000. LAN licensing and multiple-copy discounts available.

BACHMAN/Analyst Capture for IMS (OS/2) Bachman Information Systems, Burlington, MA 617-273-9003

Allows analysts to capture existing database descriptions for reverse engineering with the BACHMAN/Analyst. The BACHMAN/Analyst provides a clear, graphical view of current IMS systems in the form of an implementation...

...design through Bachman's DBA products. Per license: \$10,000. Multiple-copy discounts available.

BACHMAN/Analyst Link (OS/2) Bachman Information Systems, Burlington, MA 617-273-9003

Allows analysts to capture both data and process models from the Knowledge Ware Application Development Workbench product...

...into the BACHMAN modeling environment. Per license: \$4,000.
Multiple-copy discounts available.

BACHMAN/Data Analyst Bachman Information Systems, Burlington, MA
617-273-9003

Allows data analysts to build and document data models with a DOS-based workstation, for single application or...

...available.

BACHMAN/Designer (OS/2) Bachman Information Systems, Burlington, MA
617-273-9003

Allows systems analysts to forward engineer business models created in the BACHMAN/Analyst directly into application code through External Source Format (ESF), without rekeying. Support for ESF provides...

...use of templates and domain conversion tables. Supports the following upper CASE tools: The BACHMAN/Analyst and BACHMAN/DBA for DB2, and the KnowledgeWare IEW or ADW Analysis and Design Workstation Tools. Available for PCs and compatibles running OS/2. \$ 1 ,000 and up.

DEC Graphical Schema Editor (GSE) Digital Equipment Corp., Nashua, NH
800-344...

...Rdb/VMS, SQLBase, XDB, NetWare SQL, Progress, Oracle, and OS/2 Extended Edition. DOS version: \$ 1 ,195. Windows version: \$ 1 ,295. Call for multiuser pricing.

Ensemble Cadre Technologies Inc., Providence, RI 401-351-5950
A...928-5765

Makes analysis and design of database applications easier. Call for pricing.

ERwin/DBF 1 . 1 Logic Works Inc., Princeton, NJ 609-243-0088
Allows developers to design and re-engineer...

...5.0, and dBASE III and dBASE IV. For Windows 3.x. \$795.

ERwin/ERX 1 .2 Logic Works Inc., Princeton, NJ 609-243-0088
An Entity-Relationship (ER) database design...

...scripts, maintain and enhance existing databases, or migrate applications from one DBMS to another. Version 1 .2 or ERwin/ERX includes template-driven forward engineering and reverse engineering of Triggers for ...

...DDE reporting to Microsoft Excel and Word and Lotus AmiPro; support for Gupta SQLBase 5. 1 , Sybase 5.0, and Ingres 6.4. Windows version: \$2,495. Macintosh: \$ 1 ,995. Motif: \$3,995.

ERwin/SQL 2.2 Logic Works Inc., Princeton, NJ 609-243...

...reporting to Microsoft Excel and Word and Lotus AmiPro; updated support for Gupta SQLBase 5. 1 , Sybase 5.0, and Ingres 6.4. For Windows 3.x. \$ 1 ,495.

Excelerator for Windows Intersolv Inc., Rockville, MD 301-230-3200,
800-777-8858

Excelerator...instant generation of executable code yield rapid application development. KAPPA products encourage application programmers and analysts to cooperate at all stages of the application life cycle and help ensure tight coupling...

...running System 7.0 or A/UX 3.0 or later. MacAnalyst: \$995.
MacAnalyst/Expert \$ 1 ,595. Site licensing available.

MacDesigner and MacDesigner/Expert Excel Software, Marshalltown, IA
515-752-5359...

...running System 7.0 or A/UX 3.0 or later. MacDesigner: \$995.
MacDesigner/Expert: \$ 1 ,595. Site licensing available.
NETRON/CAP Netron Inc., Toronto, Ontario, Canada 416-636-8333
An...quality analysis documentation at both the conceptual and
physical levels. Also provides reverse-engineering functions. \$ 1 ,850.
SILVERRUN Computer Systems Advisors, Woodcliff Lake, NJ 201-391-6500
A multiplatform analysis and...

...click menu facility for quick access to each function. For VAX/VMS and
UNIX systems. \$ 1 ,200-\$21,000.
Software Through Pictures Interactive Development Environments, San
Francisco, CA 415-543-0900...

...code generators, reverse engineering tools, data administration
products, project management software, and desktop publishing applications.
\$ 1 ,495.
System Architect 2.4 Popkin Software & Systems Inc., New York, NY
212-571-3434...

...for specific data structures. Release 3.0 is scheduled for summer 1993.
Merge version, Windows: \$ 1 ,395. OS/2 PM: \$ 1 ,795.
Teamwork Cadre Technologies Inc., Providence, RI 401-351-5950
Cadre's Teamwork family of...As one aspect of the model changes,
other aspects automatically change as well. \$995.
Visible Analyst Workbench Visible Systems Corp., Waltham, MA
617-890-2273
A set of CASE tools designed...

...SQL Server, Oracle, SQLBase, and dBASE IV. Runs under Windows. \$4,000
and up.
Visible Analyst Workbench-Data Modeling Tool Visible Systems Corp.,
Waltham, MA 617-890-2273
Offers Entity Relationship...

...balancing, key analysis and synchronization, and data normalization.
Runs under Windows. Call for pricing.
Visible Analyst Workbench-I-CASE Toolset Visible Systems Corp.,
Waltham, MA 617-890-2273
A full-function...

...architecture in single-user and multiuser LAN versions. Runs under
Windows. Call for pricing.
Visible Analyst Workbench-Process Modeling Tool Visible Systems
Corp., Waltham, MA 617-890-2273
Provides process modeling...

...integration license. 30 days free voice support and one year free BBS
support. \$199.
Conduit 1 .5 Kallista Inc., Chicago, IL 312-663-0101
Conduit for Paradox allows users to import...

...for Interactive and SCO SysV on 386/486, Sun SPARC under SunOS and
Solaris 2. 1 , HP 9000/700 and IBM RS/6000 under AIX 3.2. Runtime/OEM
licenses also...Dimension module that converts data to and from the Xbase
file format at more than 1 ,500 records per minute. The high-speed
conversion tool is practical for 4th Dimension users...

...IBM PC/XT, PC/AT, PS/2 or compatible, MS-DOS or PC-DOS 2. 1 or later,
450K of memory, and between 800K and 3.5MB of disk space (depending...

...File-AID Hostmanager and 10 licenses of File-AID/PC for DB2: \$10,000.
RightStart 1 .2 Informatica Corp., Port Hueneme, CA 805-488-2868,

800-653-3871

Accelerates the migration...

...simple way to load existing data into the new database tables. Runs on Windows 3.1. Analyzes ANSI 74, ANSI 89, Micro Focus, and IBM mainframe versions of COBOL. Works with Oracle, SQL Server, ODBC, and SQLBase relational databases. \$3,495. Introductory price until 8/1/93: \$995.

SQL Port Datura Corp., Richmond, VA 804-264-1225

A high-speed, Windows...Sun 3, Sun 4, DEC VAX/VMS, HP 9000, and IBM RS 6000. Initial server: \$1,795-\$2,995, depending on platform. Subsequent servers: \$995-\$1,495, depending on platform.

ATWalker Panttaja Consulting Group, Healdsburg, CA 707-433-2629

The fourth...

...of tools for developers and administrators of SQL Server database systems. ATWalker lets system administrators view the allocation and content of the data pages in their systems and examine in detail the physical storage of the data. System administrators can view pages by objects (look at the pages for the table titles) or by page number...

...the table takes more pages than it did previously. ATWalker runs against Microsoft SQL Server 4.2 and Sybase SQL Server 4.2 through 4.9.1. Support is planned for Sybase System 10 and the Microsoft SQL Server for NT when pack: \$1,995. Prices include 90 days free technical support.

easyDBA Executive Dimeric Development Corp., Woodland Hills...

...the design of new databases or in the analysis of existing databases. For DOS 3.1 and up or Windows 3.0 or 3.1. \$995-\$2,995.

Omegamon II for DB2 Candle Corp., Santa Monica, CA 310-829-5800... program increases efficiency by freeing up disk space. Packfile supports all filePro versions through 4.1 on DOS only. Volume discount available. \$95.

PC-Install 20/20 Software Inc., Beaverton, OR...867-3622

A universal system for restoring lost or damaged source code from FoxBASE+, FoxPro 1.x, FoxPro 2.0, and FoxPro 2.5. ReFox reconstructs source code by decompiling the...

...Developers do not have to specify whether the file was encrypted when compiled. \$299.

.RTPatch 1.12 Pocket Soft Inc., Houston, TX 713-460-5600,
800-826-8086

Simplifies the process...and un-commenting; source code report writer; and full online help. Requires Multi-Edit 6.1 or later. Free demos available. \$99.

Multi-Edit Professional 6.1 American Cybernetics, Tempe, AZ
602-968-1945, 800-899-0100

A fully configurable ASCII programmer...

...source code module lets users customize user interfaces and advanced macros. \$199.

PAL-Edit 4.1 Kallista Inc., Chicago, IL 312-663-0101

PAL-Edit 4.1 is an add-in script editor designed for Paradox programming. PAL-Edit includes the complete...

...system with more than 500 indexed and cross-referenced topics. It also allows users to view Paradox tables, forms, and reports from inside the editor or from the DOS prompt without...

...with copy of PaintPAL: \$359 for a single user. Enhanced version, five-user network pack: \$1,080.

Playright Pro Borland International, Scotts Valley, CA 408-438-8400,
800-331-0877

This...mainframe IMS program development to PC-based programmer

workstations. Available for DOS and OS/2. \$ 1 ,695 and up.

Inside Out II Sierra Software Innovations, Incline Village, NV
702-832-0300...

...functions. Includes Crystal Reports for generating reports in Windows.
\$299.95.

Pinnacle Relational Engine 5. 1 Vermont Database Corp., Stow, VT
802-253-4437, 800-822-4437

A compact client/server...connected directly to DB2 or other
mainframe databases via XDB-Link. For DOS & OS/2: \$ 1 ,500. Also
available for UNIX.

GRAPHICS

dGE 5.0 Pinnacle Publishing Inc., Kent, WA 206...

...Handles images up to 1024x768 with up to 24 bits of color (VESA BIOS v.
1 .2). LASTRAX supports PostScript. The viewers support foreign-language
drivers and other programs that remap...

...set. Supports more than 40 database and computer languages.
Network-ready; allows for up to 1 ,000 copies royalty-free. All modules
are self-configuring. \$595.

Espia for FoxPro-DOS Espia...images from almost any program. Many
utilities; full GIF89a support. \$249. With source: \$599.

GraphBASE 1 . 1 Softwell Development Corp., Palmer, PA 215-861-3009
A DOS-based, menu-driven relational database...

...extended memory support. Works with CGA, VGA, EGA, Super VGA, and
Hercules on DOS 2. 1 or above. \$249. With source: \$699.

GX Text Genus Microprogramming Inc., Houston, TX 713-870...

...document management to almost any desktop without requiring specialized
display hardware. Lets users retrieve and view documents without
expensive or proprietary hardware. For image scanning, ITECH supports Bell
& Howell, Fujitsu, or...

...data and images on standard NetWare volumes. Images are stored either as
standard CCITT Group 4 .TIF or .PCX files. System data is stored in a
NetWare SQL database. Requires standard...

...desktop mapping system that allows analysis and display of geographic
data overlaid onto a map. Overlays are based on dBASE or ASCII data.
MapInfo can perform geographic analysis on the data...

...extended memory. Works with CGA, VGA, EGA, Super VGA, and Hercules.
Available for DOS (2. 1 or higher) and Windows. \$249. With source code:
\$599.

PowerShow 3.2 ENT Corp., Montoursville, PA 717-435-2202

A Window 3. 1 DLL that provides a graphic image display ...0
SofSolutions, Gretna, NE 402-332-5611, 800-325-6820

The Expert Help Distribution Kits 1 & 2 are toolkits for
developing and distributing Norton Guides-compatible hypertext systems
(comprised of an...

...EMS). Each kit comes with a Personal Use Engine, Database Compiler, and
Demo Engine. Kit # 1 , the Dedicated Engine (\$329), is a version that can
ready only the databases the developer...RTF, HPJ, and .H files and runs
the Help Compiler. Full support for Windows 3. 1 Help Engine. Included
help button lets users add context-sensitive help to an application without
...

...to a Clipper, dBASE, or FoxPro window. No royalties or runtime fees.
\$179.95.

AutoFox 1 .0 Black & White International Inc., New York, NY

212-666-4030, 800-932-9202
Adds...

...index creation, iteration, extended operations, global Btrieve management, and error/event logging. Full Btrieve 5.1 functionality. Supports Windows, DOS, and OS/2 with a common interface providing complete source code...C++ to produce a C library for Btrieve with object-oriented capabilities. Full version 5.1 functionality and value-added capabilities. Windows and OS/2 DLLs. Source supports MS C 7...

...speed up slow functions such as seek and reindex. Royalty-free. \$195.
CommTools for FoxPro 1.0 Pinnacle Publishing Inc., Kent, WA
206-251-1900, 800-788-1900
A telecommunications library...

...dMILL Network Kit 5 for Clipper Database Software Consultants, Austin, TX 512-477-3423

Provides (1) a university-level multiple-user course, (2) an all-networks source code library (SCL) for...modem control; fast Zmodem functions; Clipper 5.0 and Summer '87 source code. Supports all overlay linkers, high speed modems, 115200 baud, 16550A chip, nonstandard COM ports, and third-party libraries...

...file transfers; security options. Includes Clipper 5.0 and Summer '87 source code. Supports all overlay linkers, high speed modems, 115200 baud, 16550A chip, and nonstandard COM ports. Free demo can...

...for modification of jobs in the Novell print queue. No royalties. \$299.
NetLib for FoxPro 1.0 Pinnacle Publishing Inc., Kent, WA
206-251-1900, 800-788-1900

A complete networking...Montoursville, PA 717-435-2202
An Xbase (.DBF, .DBT, .NDX) database engine and Windows 3.1 DLL that provides Visual Basic support for the selected Xbase I/O functions and techniques...for Windows. Also available for Visual Basic for DOS, the product provides full Btrieve 5.1 functionality. Features include file and index creation, extended operations, and global Btrieve management. Custom controls...size of output image. Royalty-free developer's edition: \$199 (can be copied up to 1,000 times).

DataStream Cygnet Publishing Technologies Inc., Pittsburgh, PA
412-471-2070, 800-365-2946...

...22,000.

dBEST Printer Drivers 4.0 HALLOGRAM Publishing, Aurora, CO
303-752-2086

Provide 1,200 printer drivers for use directly with Xbase report forms (FRM/FRX), label forms (LBL...

...with typographic elements. Accesses an unlimited number of dBASE, R:Base, Paradox, Clipper, FoxBASE/ FoxPro, 1-2-3, SuperCalc, Excel, memo and note fields, DIF, ASCII, word processors and graphic files...and .DBF formats. Source for functions included. No royalties. \$129 plus shipping and handling.

InfoPublisher 1.3 PageAhead Software Corp., Seattle, WA
206-441-0340, 800-967-9671
A Windows tool...

...document is set up, publishing updated versions automatically is simple. \$295.

InfoPublisher Developer's Kit 1.3 PageAhead Software Corp., Seattle, WA 206-441-0340, 800-967-9671
Allows consultants, VARs...

...Palatino, Times, and Zapf Chancery, and more than 180 icon characters. Fonts are scalable from 1 /10 to 999 points. Supports all third-party font libraries. Text and graphics may be rotated from 1 to 360 degrees. Graphics include arcs, boxes, rounded boxes, circles, and lines of any width...bordered and/or filled) with 24 different icons and unlimited line and bar variations. Type 1 fonts can be downloaded from within an application, ensuring that the printer has all fonts...

...dynamic, runtime constraints without programming. Exports data to other desktop tools such as Excel, Lotus 1 -2-3, FrameMaker, and DataPivot, and takes full advantage of Macintosh System 7 and Windows 3. 1 for dynamic data exchange. Supports most major relational databases, including AS/400, DAL, DB2, Informix...can graphically create queries, develop prototypes, or manipulate data and metadata without knowing SQL. \$670-\$ 1 ,010.

DECquery 2.0 for Microsoft Windows Digital Equipment Corp., Maynard, MA

An interactive database...

...optimized algorithms for handling large amounts of data and complex queries. It lets users join 1 -2-3, dBASE III, and dBASE IV files, and save the results in dBASE, 1 -2-3, or text file formats. Also features an enhanced columnar report writer. Full file...

...mainframes, midrange servers, or desktop systems into formatted desktop reports or other applications, including Lotus 1 -2-3, Microsoft Excel, and most word processors. Data sources include DB2, IMS, VSAM, Informix...

...HP New Wave connected to HP3000 and HP900 servers. \$495-\$750 per user.

Iconic Query 1 .0 B IntelligenceWare, Los Angeles, CA

Uses icons and its own trademarked What-You-See...

...Paradox, DB2, Oracle, Sybase, SQL Server, SQLBase, and ASCII. \$290.

IDIS: The Information Discovery System 1 .0 IntelligenceWare, Los Angeles, CA

Analyzes databases, automatically generates hypotheses and discovers hidden and unexpected...

...under Windows; interfaces with dBASE, Paradox, DB2, Oracle, Sybase, SQL Server, SQL-Base, and ASCII. \$ 1 ,900.

Impromptu Cognos Inc., Burlington, MA

A SQL query tool that lets users perform complex...an interface for automatically reformatting host-based data to ten PC file formats, including Lotus 1 -2-3, Excel, WordPerfect, Btrieve, and Word for Windows. \$500-\$42,000.

Jake 1 .2 English Knowledge Systems, Scotts Valley, CA

An application-independent natural language user interface that...PC LANs. Reports built in Quest can also be integrated into SQLWindows applications. Quest 2. 1 , planned for June 1993, will offer forms capability. \$595.

SQLASSIST Software Interfaces, Houston, TX 713...

...s data conversion component enables users to convert data to decision support tools including Lotus 1 -2-3, the RS Series, and the SAS System. The product requires no data dictionary...along with their applications, thereby customizing Report Writer to a specific application. \$79.

Code Reporter 1 .0 Sequiter Software Inc., Newmarket, NH
403-437-2410

Lets users interactively design reports from...

...from any Windows-compatible program and are LAN compatible. Requires IBM PC compatible; DOS 2. 1 or higher; 256K RAM. \$695.

Easy SQL/Easy SQR for Windows Sybase Inc., Emeryville, CA...

...supported hardware platforms and operating systems. Single-user version: \$350. Volume discounts available.

Flex QL 1 . 1 Data Access, Miami, FL 305-238-0012, 800-451-3539
A SQL-based relational report writer for dBASE, Paradox, DataFlex,
Lotus 1 -2-3, Btrieve, ASCII, DIF, and Sylk file formats that runs on DOS
and UNIX...than 85 predefined functions. Call for pricing.
R&R Report Writer, Xbase Edition for Windows 1 .0
Concentric Data Systems, Inc., Westboro, MA 508-366-1122,
800-325-9035
Lets users...

...x, Coherent, or Xenix), or Macintosh. Supports all commercial grade C
compilers. \$295.

Raosoft EZREPORT 1 .2 Raosoft Inc., Seattle, WA 206-525-4025
A report writer that allows users to...

...patterns, and the inclusion of graphics, text, and images in reports.
Runs under Windows 3. 1 and supports most popular SQL databases including
SQL Server, Btrieve, DB2, Sybase, Oracle, Gupta, and...is planned for
release in June 1993. Support for other platforms is planned during 1993. \$
1 ,000-\$15,000, depending on CPU.
3/4/2 MicroSearch Associates, Ocala, FL 904-694...

...the spreadsheet compiler; and Customiz, a utility for modifying the
spreadsheet user interface. Requires existing 1 -2-3 files, or Lotus 1
-2-3 for creating initial spreadsheet files. Baler also offers bBASE, an
add-in module...

...0 Blink Inc., Richmond, VA 804-747-6700

The language-independent version of the dynamic overlay linker from
Blink Inc., reduces link time to seconds, eliminates the need for overlay
structures, and reduces program memory requirements. Blinker 2.0 links and
automatically overlays DOS programs written in Microsoft C, BASIC,
Assembler, QuickBasic, FORTRAN, Pascal, Watcom C, Zortech C...and customize
the BroPLUS executable. Includes runtime module for royalty-free
distribution. Requires DOS 3. 1 or higher. \$99.

Call Manager Grass Valley Technologies, Santa Cruz, CA 408-426-5276,
800...and an unlimited runtime license. \$119.95. Special Buyer's Guide
Offer: \$99.95.

MicroStep 1 .6 Syscorp International Austin, TX 512-727-7837
A visual programming tool for creating custom...

...or standalone PC applications from graphical specifications for Novell
and IBM Token Ring networks; version 1 .6 produces applications compatible
with Novell NetWare SQL. Using icons, developers can design applications
and...

...requires VGA, EGA or Hercules video, and a Microsoft-compatible mouse.
Runs under DOS 3. 1 and higher, and DR DOS 6.0. Applications run under
NetWare 286 and 386 and IBM PC LAN. No runtime fees required. \$ 1 ,895.

OutFox and OutFoxPro HILCO Software, Sebastopol, CA 707-829-5011
Decompilers for FoxBASE+ and FoxPro 1 .0 compiled programs that
generate ASCII text source files from unencrypted application programs.
Variable and...

...table with a date field and text can be displayed or printed in a
calendar. View date information by monthly, multiweek, weekly, or daily
calendar. Users can specify the table and...

...can be customized for additional printer. Entirely menu-driven; supports
Paradox 3, 3.5, and 4 (standard mode). Standard edition: \$145. Network
5-pack: \$375. Run time: \$195.

Path-Mate Pathfinder...

...to create large DOS programs that run in less memory. Allows design of a complex overlay structure with no practical limit on the number of overlay areas, overlay sections, or number of nested overlays . Supports most compilers. .RTLink/Plus offers Virtual Memory Linking, a process whereby the code from...

...royalties apply. Executables run on any PC-compatible machine. Supports with VML Microsoft C 5. 1 -7.0, MASM, and Pascal; Borland C++ 2.0-3. 1 ; Turbo C++ and TASM; Zortech C++; Clipper; CodeView; and Turbo Debugger. \$495.

SmartMem 1 .53 Integrated Development Corp., Hampstead, NH
603-329-5522, 800-333-3429
A memory manager...

9/K/12 (Item 6 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01579325 **Supplier Number: 12915984 (Use Format 7 Or 9 For FULL TEXT)**
Spreadsheets & numerical analysis. (Software Review) (software for the
Apple Macintosh computer, Evaluation)

MacUser , v8 , n13 , p246(5)

Annual , 1993

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...from decimal to hexadecimal, octal, or binary. Also includes logical operations and other functions. Version 1 .0 reviewed. Free (Remy Malan); available from on-line services such as ZiffNet/Mac. (Oct...

...options. Ideal for basic educational and scientific use. Latest version adds expanded data sheet of 1 ,000 columns by 32,000 rows; a 64-color palette; data smoothing; hot links between...

...eight zoom levels; and new page-layout features, such as ruler grids and guides. Version 1 .32 reviewed. Version III shipping. Requires Macintosh Plus or later, System 6.03 or later...

...specialized statistical-analysis packages, and lacks charting and presentation features. Documentation is poorly organized. Version 1 .03 reviewed. Version 1 . 1 shipping. Requires Macintosh Plus or later with 2 MB of RAM and a hard drive; minimum 4 MB of RAM and 68030 CPU recommended. \$299 direct. Brio Technology, 444 Castro St., Ste. 700, Mountain View , CA 94041. 415-961-4110. (May '92) * '91 Eddy
DeltaGraph Professional
DeltaGraph Pro is a...

...03 or later, and a hard drive. \$295. DeltaPoint, Inc., 2 Harris Court, Ste. B- 1 , Monterey, CA 93940. 800-367-4334 or 408-648-4000. (July '92) * '87, '89 Eddy...

...before conversion. Latest version is an application instead of DA and

adds several features. Version 1 .02 reviewed. Version 2.0 shipping. Requires Macintosh ...output. Good for beginners as well as advanced users. Limited ANOVA and multivariate procedures. Version 1 .2 reviewed. Version 1 .53 shipping. Requires Macintosh Plus or later. \$295. Strategic Mapping, Inc., 3135 Kifer Rd., Santa...

...can be hard to manipulate. Easy to learn. Optional modules add many specialized features. Version 1 .0 reviewed. Version 2.0 shipping. Requires Macintosh Plus or later, System 6.03 or...

...while locking other areas down. Derives numerical data from graphs drawn on the screen. Version 1 .0 reviewed. Version 1 .13 shipping. Requires Macintosh Plus or later and System 6.05 or later. \$149 direct...

...imported graphics. Easy-to-use tools and filters speed cleanup of graphics before conversion. Version 1 .01 reviewed. Version 1 .03 shipping. Requires Macintosh Plus or later. \$249. Tree Star, Inc., 20 Winding Way, San...

...can export tabbed text, CSV, and SYLK files. Support for color gradients is excellent. Version 1 .31 reviewed. Version 1 .33 shipping. Requires Macintosh Plus or later with 2 MB of RAM, System 6.03...

...quality and speed are excellent. Imports graphics as well as data and supports color. Version 1 .1 reviewed. Version 1 .26 shipping. Requires 1 MB of available RAM, System 4.2 or later, and a hard drive. \$295 direct ...

...by-32,000-row spreadsheet. Exceptionally nice printed output. Version 2.0 reviewed. Version 2.1 shipping. Requires Macintosh Plus or later, System 6.05 or later, 4 MB of RAM...

...Perkiomen Ave., Reading, PA 19606. 800-876-8376 or 215-779-0522. (Feb '90)

Lotus 1 -2-3 for Macintosh

Lotus 1 -2-3 is a powerful Mac spreadsheet package with easy, precise charting capabilities. ...DAL and can access information in DB2, FoxBASE+, and SQL formats. Can provide the traditional 1 -2-3 command-line interface for DOS veterans. Most files and macros created in DOS version of 1 -2-3 run correctly as Mac documents, but some problems linger. Version 1 .0 reviewed. Requires Mac Plus or later with 2 MB of RAM and a hard...

...variable from cell to cell. Supports split windows and cell protection. Excel, MultiPlan, or Lotus 1 -2-3 models can be converted into MacCalc format. No charting capability. Version 1 .2 reviewed. Requires Macintosh Plus or later. \$139. Bravo Technologies, Inc., P.O. Box 10078...

...editing tools are good. Exports charts only through the Clipboard or as PICT files. Version 1 .0 reviewed. Requires Macintosh Plus or later, System 6.03 or later, and hard drive...

...powerful program for graphic-data analysis. Handles multivariate data in a highly visual manner. Version 1 .0 reviewed. Version 3.01 shipping. Requires Macintosh Plus or later. \$295. Abacus Concepts, Inc...

...computation, PostScript graphics, and programmability. Enhanced version requires math coprocessor and provides advanced features. Version 1 .03 reviewed. Version 2.1 shipping. Requires System 6.07 or later, 4 MB of available RAM, and a hard...

...small-business financial problems. Includes cash-flow, real-estate, and rate-of-return calculators. Version 1 .0 reviewed. \$79.95. Microtemp, 318 Mendocino Ave., Ste. 22, Santa Rosa, CA 95404. 707...

...mediocre, and output is basic. Requires prior knowledge of modeling there's no AI. Version 1 .0 reviewed. Version 2.0 shipping. Requires Macintosh Plus or later, System 6.05 or...

...organization of data before importing is crucial and may require expert assistance. Good documentation. Version 1 .01 reviewed. Requires 68020 CPU or higher with System 6.05 or later, 4 MB and graphic objects. Inadequate documentation. Version 1 .0 reviewed. Requires Macintosh Plus or later and a hard drive. \$99.95. Baseline Publishing...

...replace macro and a macro to transpose rows and columns. Improves Excel performance. Version 2. 1 shipping. Requires Microsoft Excel version 1 .5, 2.2, or later. \$49.95. Individual Software, Inc., 5870 Stoneridge Dr., Ste. 1 , Pleasanton, CA 94588. 800-331-3313 or 510-734-6767. (July '88)

PowerPlay

PowerPlay is...

...sources such as corporate SQL-based mainframe databases. Limited data-selection and -export options. Version 1 .0 reviewed. Requires Macintosh II series or higher with 8 MB of RAM, a hard...

...limitations, ideal for custom-built complex applications or for users of other Claris products. Version 1 .0v3 reviewed. Version 1 . 1 shipping. Requires Macintosh Plus or later, System 6.02 or later, and a hard drive...

...on low-end Macs. Interface is difficult but offers integration with standard Excel environment. Version 1 .01 reviewed. Version 1 .10 shipping. Requires Microsoft Excel 3.0 or later, Mac SE/30 or higher, 2...

...the Macintosh

SPSS for the Macintosh provides most of the procedures needed by professional statistical analysts . Has excellent on-line help, useful Command Generator, and clear documentation. Non-Mac interface. Has some graphics flaws. Text is editable. Version 1 .5 reviewed. Version 4.0 shipping. Requires Macintosh Plus or later, 2 MB of RAM...

...2400. (Nov '90)

Spyglass Dicer

Spyglass Dicer provides a 3-D, full-color, detailed perspective view of statistical data. Although its implementation is weaker than other data-visualization tools from Spyglass...

...format invented at the National Center for Supercomputing Applications. It comes with MPW C 3. 1 and FORTRAN libraries. Dicer can import raw binary data in many formats and accepts data in the netCDF format. Version 1 .0 reviewed. Version 1 . 1 shipping. Requires Macintosh SE/30, Mac II series, or LC; 4 MB of RAM; System 6.03 or later; color monitor; and a hard drive. Math...

...numbers as pictures. Can draw complex 3-D color surfaces, contours, and vector plots. Allows overlays of different images and interpolations of missing data, and opens and saves standard HDF spreadsheets...

...as an ASCII list of triplets; or as PICT, TIFF, or FITS files. Includes Spyglass View , which creates animations of data evolving over time. Operates as a stand-alone application or...

...Dicer and Spyglass Format. Requires some knowledge of FORTRAN. Version 2.0 reviewed. Version 2. 1 shipping. Requires Macintosh II series, System 6.03 or later, 4 MB of RAM, an 8-bit-color display, and hard drive. \$495; educational and volume...

...Elegant interface provides user with a "dataset" environment (for

entering and formatting data) and a View window for data analysis and detailed graphic design. Can import data from spreadsheet, word-processing ...

...templates and can create custom templates. Concise, well-written documentation. Excellent on-line help. Version 4 .0 reviewed. Requires Macintosh SE/30, or II series or higher with FPU. \$595. Abacus ... available. Data-transformation functions are limited. Weak interactive exploratory graphics but performance is adequate. Version 1 .0 reviewed. Version 1 .04 shipping. Requires Macintosh Plus or later. \$350. Abacus Concepts, Inc., 1984 Bonita Ave., Berkeley...

...is a slick linear-modeling program with a great interface. Feature-laden and powerful. Version 1 .0 reviewed. Version 1 .11 shipping. Requires Macintosh Plus and System 6.03 or later. \$495. Abacus Concepts, Inc...

...Can visualize equations and theories through graphs and animation, including 3-D and color. Version 1 .01 reviewed. Version 1 .11 shipping. Requires Macintosh Plus or later and System 6.03 or later. \$399.95...

...operations. Well-intentioned minimal-recalculating option can take longer than recalculating an entire spreadsheet. Version 1 .0 reviewed. Version 1 .1a shipping. Requires Macintosh Plus or later with 2 MB of RAM and a hard...

...to the size of single cards. Extends HyperCard's math abilities significantly. Poor manual. Version 1 .5 reviewed. Version 2.0 shipping. Requires Macintosh Plus or later with 2 MB of RAM, HyperCard 2. 1 , and a hard drive. \$149.95. Trendware Corp., P.O. Box 2285, Huntington, CT 06484 ...

9/K/13 (Item 7 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01537005 **Supplier Number: 12586904 (Use Format 7 Or 9 For FULL TEXT)**

Minifinders.

MacUser , v8 , n11 , pB63(11)

Nov , 1992

ISSN: 0884-0997

Language: ENGLISH Record Type: FULLTEXT

Word Count: 16469 Line Count: 01349

...Includes 19 custom outline fonts that scale and print at any size. Also imports Type 1 fonts. Good use of ImageWriter's limited color capabilities. Offers variety of special effects for text manipulation, including the awesome Transmogrify command. Limited graphics import/export capabilities. Excellent manual. Version 1 .0 reviewed. Requires LaserWriter or ImageWriter II. \$59.95. Broderbund Software, Inc., 500 Redwood Blvd...

...record sound, so QuickTime movies require a separate program to mix in digital audio. Version 1 .0 reviewed. Requires QuickTime. \$149. Vision Software, 3160 De La Cruz Blvd., Ste. 104, Santa...

...this handy utility can extract data are MacWrite II, Word, MacDraw II, and PageMaker. Version 1 .0 reviewed. Requires Mac Plus or later. \$125. Abbott Systems, 62 Mountain Rd., Pleasantville, NY...

...E. Speedway, Ste. 22, Tucson, AZ 85712. 800-482-4567 or 602-881-8101. Image Analyst

This image-processing program lets you identify and analyze any element of an image. Measurements...

...Manual is well illustrated but poorly written. Easy to learn. No programming necessary. Version 7.1 reviewed. Version 8.0 shipping. Requires 68030 CPU or higher, System 6.03 or later...

...retrieval. Users of discontinued Curator program from Solutions, Inc., can also upgrade to Mariah. Version 1 .2 PictureBase reviewed. Version 1 .1 .1 Mariah shipping. Requires Mac Plus or later and System 6.05 or later. \$149; upgrade...

...to use. New features simplify finding an image quickly. Version 2.0 reviewed. Version 2.1 .7c shipping. Requires Mac ...dpi, screen frequency, and other characteristics. Installation is tricky. Has minimal image-editing tools. Version 1 .11 reviewed. Requires Mac Plus or later with System 6.07 or later and a...

...to the Clipboard. Has a lot of power, and the interface is excellent. Version 3.1 reviewed. Version 1 .0 PictureBook+ shipping. Requires Mac Plus or later and System 4.1 or later; hard drive recommended. \$129.95. Loop Software, P.O. Box 1249, Menlo Park...

...TIFF and EPS files with few problems. Results can be unpredictable with PICT images. Version 1 .0 reviewed. Version 1 .5 shipping. Requires Mac SE or later with at least 2 MB of RAM and...

...immediately in bit-mapped paint, PICT, 24-bit color, Clipboard, Scrapbook, or StartupScreen formats. Version 1 .1 reviewed. \$59.95. Baseline Publishing, Inc., 1770 Moriah Woods Blvd., Ste. 14, Memphis, TN 38117...

...resize or crop a graphic to the area in which it will be pasted. Version 1 .0 reviewed. Version 2.1 shipping. Requires Mac Plus or later and System 6.03 or later. \$89.95. Portfolio...

...fonts only in its own format and can't convert Type 3 or Adobe Type 1 fonts. The Font Pack has 47 fonts to supplement the 2 that are provided, but...

...price. Some text characters have been omitted, and aligning type is slow and difficult. Version 1 .01 reviewed. Requires Mac II series with 32-bit-color QuickDraw, color display, and 2...

...as well as other powerful tools. Version 3.0 upgrade adds relational-database capabilities. Version 1 .02 reviewed. Version 3.0 Pro shipping. Requires Mac Plus or later; SE/30 or...

...shipping. Requires Mac II series, at least 4 MB of RAM, and a hard drive. \$1,995. Ashlar, Inc., 1290 Oakmead Pkwy., Ste. 218, Sunnyvale, CA 94086. 800-877-2745 or...of work in progress. Can create 2-D PICS animations of designed objects. Version 2.1 reviewed. Requires FPU-equipped Mac with System 6.03 or later, at least 4 MB...

...export capabilities are weak, but reliably exports EPS graphics. Version 2.0 reviewed. Version 2.1 shipping. Requires Mac Plus or later and a hard drive. \$295; plotter driver, \$300. Graphsoft...

...drawing takes some getting used to. Overwhelming screens with long menus and huge palettes. Version 1 .0 reviewed. Version 3.01 shipping. Requires Mac Plus or later and System 6.05...

...named with both character identifiers and labels. This intelligent program is easy to use. Version 1 .11 reviewed. Version 1 .15 shipping. Requires Mac Plus or later; hard drive recommended. \$595; Export Module, \$300; Data...

...and crashes at times. When these problems are cleaned up, it should be superb. Version 1 . 2 reviewed. Requires SE/30 or Mac II series with 2 MB of RAM. \$295...

...DOS roots. Excellent element manipulation and full plotter support. Library user interface is crude. Version 1 .0 reviewed. Version 3.0 shipping. Requires Mac Plus or later. \$ 1 ,995. Computervision (Personal CAD/CAM Business Unit), 100 Crosby Dr., Bedford, MA 01730. 800-488...

...795-5993.

Artbeats

Artbeats is a series of superb, hightech EPS backgrounds. Packages include Dimensions 1 through 3, Potpourri, Natural Images 1 and 2, and Marble & Granite, which offer abstract, geometric, and natural images. Each package has...

...are generally well done but poorly organized. Includes sports, home, technology, and business themes. Version 1 .0 reviewed. Version 2.0 shipping. \$149. Olduvai Corp., 7520 Red Rd., Ste. A, South...

...reduced, so several fit on a page. Excellent detailed index saves hunting through disks. Version 1 .0 reviewed. Version 2.0 shipping. \$29.95; sample disk, \$10. PeachPit Press, 2414 Sixth...

...Clip packages are EPS graphics with a wide variety of business and seasonal themes. Version 1 .0 reviewed. \$395; special selections also available. Studio Advertising Art, P.O. Box 43912, Las...

...0195.

Clipables: the EPS Graphics Library

Clipables is an enormous collection of EPS artwork. The 1 ,100 images are well drawn and cover a wide range of topics. Favors variety over ...

...ROM. Comes with a well-designed catalog of images. Over 20 volumes are available. Version 1 .0 reviewed. Version 5.0 shipping. CD-ROM, \$799; single volume (disk), \$99; two volumes...

...art with uneven quality. The borders are the most elegant. Other packages are available. Version 1 .0 reviewed. \$149.95. ArtWare Systems, Inc., 6512 Six Forks Rd., Ste. 502A, Raleigh, NC...

...clip art. Package topics include business, general-purpose graphics and symbols, and people. Accents & Borders 1 (winner of a MacUser Editors' Choice Award) contains 270 design elements, including borders, frames, ornaments...

...artwork. Images are opaque, and most are strategically subgrouped for easy editing. Excellent manual. Business 1 , \$129.95; Graphics & Symbols 1 , \$99.95; Accents & Borders 1 , \$129.95; other selections available. 3G Graphics, Inc., 114 Second Ave. S., Ste. 104, Edmonds...210, Tarzana, CA 91356. 800-525-1552 or 818-881-1997.

Professional Photography Collection, Volume 1

This CD-ROM contains 100 color TIFF images. Each image comes in three formats: 24...

...or images can be exported in PICT or EPS formats to other graphics applications. Version 1.24 reviewed. \$129.95; Maps I and II, \$250 each; Viewpoint Collections (Cars, Air & Sea...

...color. Special Events contains 130 images, but many of them are slightly altered duplicates. Version 1.0 reviewed. \$39.95. Casady & Greene, Inc., 22734 Portola Dr., Salinas, CA 93908. 800-359...

...display. Imports and exports PICT and EPS files, but EPS files cannot be edited. Version 1.0 reviewed. Requires Mac Plus or later with at least 2 MB of RAM, System...

...housing floor plans and elevations. Has built-in parts libraries and many sample plans. Version 1.0 reviewed. Version 1.7 shipping. Requires Mac Plus or later. \$99.95. Abracadata Ltd., P.O. Box 2440...

...you clip or extend existing lines and build fillets. Can be awkward to use. Version 1.1 reviewed. Version 1.1.1 shipping. Requires MacPlus or later and MacDraw II version 1.0v4 or 1.1v2. \$99.95. Macromedia, Inc., 600 Townsend St., Ste. 310W, San Francisco, CA 94103. 415 ...

...learning curve, but has streamlined, easy-to-navigate interface. Version 3.0 reviewed. Version 3.1 shipping. Requires Mac Plus or later with at least 2 MB of RAM and a...

...CAD classes or for small architectural/construction contracting businesses. Version 2.0 reviewed. Version 2.1 shipping. Requires Mac Plus or later, System 6.03 or later, and a hard drive...

...and export, including PICT II format. Users can upgrade to new version, MacDraw Pro. Version 1.0 reviewed. Version 1.1v2 shipping. Requires Mac Plus or later and a hard drive. \$199. Claris Corp., 5201...

...complex charting. Bezigon tool allows sophisticated design and editing of Bezier curves and polygons. Version 1.0v1 reviewed. Version 1.5 shipping. Requires Mac Plus or later with at least 4 MB of RAM, System...
...pixel-based artwork. Good control of text, patterns, and drawing layers. Confusing, nonstandard interface. Version 1.0 reviewed. Requires 301-424-3942.

Metamorphosis Professional

Metamorphosis Professional is a utility that converts fonts among PostScript Type 1, Type 3, and TrueType formats on the Mac. Can also produce PostScript fonts for the...

...Elegant interface is powerful yet flexible. Can't create bit maps for TrueType-to-Type-1 conversions and can't convert Adobe Expert series. Version 2.01 reviewed. Version 2.03...

...the documentation has useful information on typeface characteristics. Requires Mac Plus or later. Publishing Pack 1 (Newsletters), \$395; Publishing Pack 2 (Forms and Schedules), \$475; Publishing Pack 3 (Presentations), \$475. Adobe...

...of handsome specimen sheets. Shows typefaces in one- and two-page layouts. Incomplete documentation. Version 1.1.6 reviewed. Version 1.2 shipping. \$79.95. Omega Systems, P.O. Box 7633, Chico, CA 95927. 916-894 ...

...better, but the simple effects are easy to control, and the results are striking. Version 1 .0.2 reviewed. Version 1 .04 shipping. Requires Mac Plus or later, System 6.03 or later, ATM, and a...

...of sample text. Provides flexible printing options and excellent technical data about installed fonts. Version 1 .5 reviewed. \$99.95. Agfa Division, Miles, Inc., 200 Ballardvale St., Wilmington, MA 01887. 800...

...an easy-to-use type-customization program that lets you transform TrueType or Adobe Type 1 fonts into complex display type. Uses Bezier-curve editing controls to distort either individual letter...

...XCMDs are included and can be distributed royalty-free. Not for beginners. Includes HyperCard. Version 1 .0 reviewed. Version II shipping. Requires Mac Plus or later with at least 2 MB...

...bugs. Rendering quality is adequate, but texture map positioning is difficult. Lacks animation capabilities. Version 1 .02 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later...

...conversion hardware and print-to-video software can output Animation Works movies to videotape. Version 1 .0 reviewed. Requires 8-bit color display system. \$199.95. Gold Disk, Inc., P.O...

...program. Has wide variety of file-import options. Uses hardware copy-protection. Inadequate documentation. Version 1 .05 reviewed. Version 1 .5 shipping. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later...

...exported to other programs. Back-Burner option distributes rendering among networked Macs. Good documentation. Version 1 .12 reviewed. Version 2.0 shipping. Requires 68020 CPU or higher, a math coprocessor, at...other points -- if you move a point, the rest of the drawing reacts correspondingly. Version 1 .0 reviewed. Version 2.0 shipping. Requires Mac Plus or later. \$240. SoftStream International, Inc...

...Illustrator or a similar program. Continuous-tone photos aren't usually worth the trouble. Version 1 .0 reviewed. Version 2.0 shipping. Requires Mac Plus or later and System 4 .2 or later; 2 MB of RAM recommended. \$195. Adobe Systems, 1585 Charleston Rd., P.O. Box 7900, Mountain View, CA 94039. 800-833-6687 or 415-961-4400.

FONTS & TYPOGRAPHY

ASCII Chart

ASCII Chart...

...Microsoft Word and smaller point sizes) and has slow performance on 68000-based Macs. Version 1 .01 reviewed. Version 2.0 shipping. Requires Mac Plus or later and System 6.03...

...well. Good for people trained on mainframes in the early days. Steep learning curve. Version 1 .0 reviewed. Version 1 .5 shipping. Requires Mac Plus or later with at least 2 MB of RAM. \$695...

...9571.

Evolution

Evolution is an easy-to-use conversion utility for translating fonts among Type 1, Type 3, and EPS formats. Doesn't produce AFM (Adobe Font Metrics) files, and fonts...

...controls help with difficult conversions, and Evolution can output character sets as printer fonts. Version 1 .02 reviewed. Version 2.0

shipping. Requires Mac Plus or later, System 6.04 or...

...excellent. Knapsack feature lets you put favorite fonts at the top of the menu. Version 1.0 reviewed. Requires Mac Plus or later. \$69.95 direct. Eastgate Systems, P.O. Box...

...FontMonger

FontMonger is a robust font-alteration tool that can convert fonts among PostScript Type 1, Type 3, and TrueType formats. Alterations include small caps; inferior, superior, and slanted characters; and...

...character shapes as EPS or PICT outlines; PICT images are frequently unusable. Incomplete manual. Version 1.03 reviewed. Version 1.05 shipping. Requires System 6.03 or later and at least 2 MB of RAM...

...up to 96 points. Excellent utility for producing large font sizes with true WYSIWYG. Version 1.7 reviewed. Version 2.0 shipping. Requires Mac Plus or later, System 5.1 or later, and a PostScript printer. \$99.95. American Micro-electronics, 1611 Headway Cir., Bldg...or a built-in rasterizer to display outline characters during design process. Can import Illustrator 1.1 artwork or use PICT and TIFF files as templates. Interface is dense, precise, and sometimes...

...PostScript and TrueType fonts. Word View feature greatly simplifies kerning-table creation. Maximum resolution is 1 / 1,000 em. Version 1.06 reviewed. Version 2.0 shipping. \$149; additional kerning-table packages, \$95 each. Agfa Division...

...type. Can create unique distortion effects. Works with LetraFont typefaces and TrueType or Adobe Type 1 fonts. Lets you edit imported Adobe Illustrator drawings. Interface may seem awkward to some users...

...installed screen font in the System file, Font/DA Mover suitcases, or QuarkXPress documents. Version 1.04 reviewed. Version 3.0 LetrTuckPlus shipping. \$99. EDCO Services, 12410 N. Dale Mabry Hwy...

...printed updates, \$80. MacTography, 326-D N. Stone-street Ave., Rockville, MD 20850. manipulation. Version 1.0 reviewed. Requires MacPlus or later with at least 2 MB of RAM and System...

...motion blur. Complex and time-consuming to master, but provides superb high-resolution results. Version 1.1 reviewed. Requires Mac II series with 24-bit-color display, at least 5 MB of...

...extrusion and beveling capabilities are weak. Has a few bugs and sporadic performance problems. Version 1.01 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.03 or later, 32-bit Quick-Draw, at least 8 MB of RAM, and a hard drive. \$1,495. Macromedia, Inc., 600 Townsend St., Ste. 310W, San Francisco, CA 94103. 415-442-0200...

...objects and vertex editing. Animation features and documentation are weak. Uses hardware copy protection. Version 1.01 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later...

...file formats. Animation options include creation of stand-alone, self-running demos with sound. Version 1.2 reviewed. Version 1.5 shipping. Requires Mac II series or higher with at least 4 MB of RAM... objects. VIDI Express hardware-acceleration option significantly reduces rendering times. Uses hardware copy protection. Version 1.1 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later, 32...

...networked Macs. Version 2.02 reviewed. Version 2.03 shipping. Requires

Mac II series with 4 MB of RAM, 32-bit QuickDraw, and a hard drive; coprocessor chip recommended for 68020 Macs. \$895; DreamNet, \$200 (group discounts available). Ray Dream, Inc., 1804 N. Shoreline Blvd., Mountain View, CA 94043. 415-960-0765.

Sculpt 3D

Sculpt 3D offers excellent rendering quality and spline...

...options are available. Includes three tutorial videotapes. Has hardware copy protection. Weak documentation. Version 2.1 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later, 32...

...options are available. Includes three tutorial videotapes. Has hardware copy protection. Weak documentation. Version 2.1 reviewed. Requires 68020 CPU or higher with math coprocessor, System 6.05 or later, 32...

...well with 3-D modeling programs that have limited rendering capabilities, such as SwivelMan. Version 1.11 reviewed. Requires Mac II series or higher with at least 8 MB of RAM...modeling tools. Can output files in RenderMan RIB, PICT, EPS, DXF, and PICS formats. Version 1.01 reviewed. Requires Mac II series or higher with at least 5 MB of RAM...

...but lacks other light sources. Exports files in PICT, Illustrator, DXF, or EPS formats. Version 1.01 reviewed. Requires Mac II series and a hard drive. \$895. Alias Research, Inc., 110...

...D Design, which lets you create and precisely customize a model, and 3-D Walk View, which offers a real-time, rendered color perspective through which you navigate in any direction. Lacks import/export capabilities needed for serious CAD. Compact data files. Version 1.03 reviewed. Version 1.11 shipping. Requires Mac Plus or later with at least 2 MB of RAM and a hard drive; color requires Mac II series or higher and at least 4 MB of RAM. \$495. Virtus Corp., 117 Edinburgh S., Ste. 204, Cary, NC 27511. 919...

...a real time-saver. Version 2.0 reviewed. Version 2.31 shipping. Requires QuarkXPress 3.1. \$395. North Atlantic Publishing Systems, 9 Acton Rd., Ste. 13, Chelmsford, MA 01824. 508-250...

...and inserted text. Automates arrangement of category heads, sub-heads, invisible placeholders, and graphics. Version 1.2 reviewed. Requires PageMaker 4.0 or later. \$179.95. ElseWare Corp., 3201 Fremont Ave...

...and collection forms. Volume II has purchasing, receiving, accounting, disbursing, and personnel business forms. Version 1.0 reviewed. Version 1.1 shipping. Requires Mac Plus or later and a hard drive. \$89.95 per volume, direct...

...comprehensive forms-design program intended primarily for high-end corporate users. Capable of accuracy to 1 / 1,152 of a degree. Draws lines from .25-point to 999-points thick. Can import...

...statistical functions. Related program, Informed Manager, is a complete flat-file data-base manager. Version 1.01 reviewed. Version 1.3 shipping. Requires Mac SE or later, System 6.05 or later, and a hard... saving printing tips. Versions for QuarkXPress, DesignStudio, and Ready,Set,Go! are also available. Version 1.0 reviewed. Version 1.1 shipping. Requires Mac Plus or later and PageMaker. \$129.95 for each version. Postcraft International...

...don't need an all-purpose page-layout program, get Multi-Ad Creator, Version 2.1 reviewed. Version 3.0 shipping. Requires Mac Plus or later with at least 4 MB...

...is excellent, but they lack art. You can modify all layouts from within PageMaker. Version 1 .0 reviewed. Requires PageMaker 3.0 or later. PDQ!, \$89.95; PDQ! 5, \$159.95...

...have only one document open at a time. Can't do process-color separations. Version 1 .0 reviewed. Version 2.0 shipping. Requires Mac Plus or later with at least 2...
...or PICT files. Workspace surrounding the page can serve as paste-board storage. Version 3. 1 reviewed. Requires MacPlus or later with at least 2 MB of RAM and a hard...

...color and tint. Its number-crunching capabilities are minimal. Version 3.04 reviewed. Version 3. 1 shipping. Requires Mac Plus or later with at least 2 MB of RAM, System 6...good. Performance needs to be faster, and a totally new manual would be helpful. Version 1 .0 (DesignStudio) reviewed. Version 5.0 shipping. Requires Mac SE/30 with a hard drive...

...paint, fresco, poster edges, rough-surface craquelure, reflective chrome, and high-contrast graphic pen. Version 1 .0 Classic Art reviewed. Requires 24-bit display system; image size is limited by available...

...flexible print options. Allows multiple levels of Undo. Supports ATM and TrueType. Poor documentation. Version 1 .01 reviewed. Version 1 .03 shipping. Requires MacPlus or later and System 6.04 or later; hard drive recommended...

...TIFF/Mac or TIFF/PC, PostScript, Paint, Photoshop, and CompuServe GIF formats. Weak manual. Version 1 .0 reviewed. Version 2.0 shipping. Requires Mac II series or higher with at least...

...for casual painters who want to get to work immediately, Color MacCheese is perfect. Version 1 .05 reviewed. Version 2.09 shipping. Requires 68020 CPU or higher with System 6.05...

...tools. The Shapes Annex package (bundled with ColorStudio) adds an editable PostScript drawing layer. Version 1 .11 reviewed. Version 1 .5 shipping. Requires Mac II series or higher with System 6.05 or later, 32... for panels. Good text editing in balloons. Can import and export in MacPaint format. Version 1 .0 reviewed. Version 1 .6 shipping. Requires Mac Plus or later. \$69.95. Foundation Publishing, Inc., 14228 Shore Ln...

...function gone wild in a small, simple -- yet wonderful -- application. Doesn't support color. Version 1 .0 reviewed. Version 1 .02 shipping. Requires Mac Plus or later. \$49.95. Great Wave Software, 5353 Scotts Valley ...

...work on color images, ImageStudio may be all you need for professional photo manipulation. Version 1 .0 reviewed. Version 1 .7 shipping. Requires Mac Plus or later and a hard drive; gray-scale work requires...

...which blows everything to smithereens. Sounds include English and Spanish pronunciation of alphabet letters. Version 1 .0 reviewed. Version 1 .2 shipping. Requires Mac Plus or later; sound recording requires System 6.07 or later...

...and blending, masking, and anti-aliasing. Supports Wacom pressure-sensitive digitizing stylus and tablet. Version 1 .0 reviewed. Version 1 .2 shipping. Requires 68020 CPU or higher, System 6.05 or later, a color display...

...a workable painting environment, multiwindow capability, some interesting special effects, and a lower price. Version 1 .0 reviewed. Version 1 . 1 shipping. Requires Mac II with color card and System 6.03

or later. \$149.95...into continuous-tone images. Supports PostScript Level 2. Version 2.0 reviewed. Version 2.0. 1 shipping. Requires Mac II series or higher with at least 4 MB of RAM, a hard drive (minimum of 150 MB recommended), and a color monitor. \$895. Adobe Systems, 1585 Charleston Rd., P.O. Box 7900, Mountain View, CA 94039. 800-833-6687 or 415-961-4400.

PixelPaint

PixelPaint is a straightforward 256...

...8-bit imaging for Sharp and Howtek color scanners. Version 2.0 reviewed. Version 2. 1 shipping. Requires Mac II series with color video card and 2 MB of RAM, System...

...Technology, 485 Potrero Ave., Sunnyvale, CA 94086. 800-334-3005 or 408-245-2202.

Studio/ 1

Studio/ 1 is an excellent black-and-white painting program that also has impressive flip-frame animation...

...animation surface, painting tools with 300-dpi capabilities, and a HyperCard playback utility (XCMD). Version 1 .0 reviewed. Requires Mac Plus or later; hard drive recommended. \$79. Electronic Arts, 1450 Fashion ...

...II. Has a superior tool set, an elegant interface, and excellent performance and speed. Version 1 . 1 reviewed. Version 2.0 shipping. Requires Mac II or LC and higher, a hard drive...

...an adjustable color range. Despite its power, Studio/32 is exceptionally easy to use. Version 1 .0 reviewed. Version 1 .2 shipping. Requires 24-bit-color display system, at least 5 MB of RAM, and...

...impressive collection of special-effects tools. Supports Paint, EPS, TIFF, PICT, startup-screen, and SuperPaint 1 .0 formats. Version 3.0 reviewed. Requires Mac Plus or later with at least 2...

...a variety of specialized tools and modes. It does have a somewhat quirky interface. Version 1 .0 reviewed. Version 1 .05 shipping. Requires Mac Plus or later with System 6.05 or later. \$79. Deneba...

...files. The list of available export formats includes EPS, gray-scale, and PostScript CMYK. Version 1 .0 reviewed. Version 1 .1a shipping. Requires Mac II series with at least 2 MB or RAM and a...written for HyperCard and Macromedia Director. Generates detailed printed reports. Supports many videodisc controllers. Version 1 .6 reviewed. Version 1 .7 shipping. Requires Mac Plus or later; Mac II with a minimum of 4 MB...

...presentation tool with a strong graphics emphasis. Good master template. Lacks text-import capability. Version 1 .0 reviewed. Version 2. 1 shipping. Requires Mac Plus or later, System 6.03 or later, and a hard drive...

...Includes CinePlayer playback utility plus many sample animations and XCMDs for use in HyperCard. Version 1 .0 reviewed. Requires Mac Plus or later and a hard drive; Mac II series recommended...

...Macromind Accelerator

Macromind Accelerator compiles Macromind Director movies to make them run more smoothly. Version 1 .0 reviewed. Version 3.0 shipping. Requires Macromind Director 3.0, Mac Plus or later...

...of RAM, System 6.05 or higher, and a hard drive. \$195; upgrade from Version 1 .0 (Video Works Accelerator), \$50. Macromedia, Inc., 600

Townsend St., Ste. 310W, San Francisco, CA...

...does not require scripting. Lacks high-end features found in the MacroMind Director package. Version 1 . 1 reviewed. Requires Macintosh Plus or later with at least 4 MB of RAM, System 6...

...sound. Can assemble presentation elements and sound onto videotape. With additional Mac hardware, you can overlay titles or other special effects onto live or prerecorded video sequences. Compatible with Sony's...

...peripherals. Adequate for consumer-level presentations that don't need professional, frame-accurate synchronization. Version 1 . 1 reviewed. Version 1 .2 shipping. Requires color-capable Mac, at least 2 MB of RAM, System 6.05...

...fixed length or loop. Recordings can be installed into HyperCard stacks for easier distribution. Version 1 .0 reviewed. Requires Mac Plus or later. \$295; Multimedia Pack, \$495. Farallon Computing, Inc., 2000...

...of customizable labeling schemes. Slide-making tools are formidable. Version 3.0 reviewed. Version 3. 1 shipping. Requires Mac Plus or later, System 6.03 or later, and a hard drive...

...transfer presentations. Includes display-only Persuasion Player application for distribution with finished presentations. Version 2. 1 reviewed. Requires Mac Plus or later with at least 2 MB of RAM, System 6...

9/K/14 (Item 8 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01522280 **Supplier Number: 12335096 (Use Format 7 Or 9 For FULL TEXT)**

MacUser minifinders: 1001 Macintosh products. (Buyers Guide)

MacUser , v8 , n8 , p87(52)

August , 1992

Document Type: Buyers Guide

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 77991 **Line Count:** 06173

...connect to multiple hosts. Handles file transfer. Provides modem connections only, not network connections. Version 1 .5 reviewed. Version 3.0 shipping. Requires Hayes-compatible modem. \$195. Farallon Computing, Inc., 2000...Version 0.85 reviewed. Version 0.9 shipping. Requires Mac Plus or later, System 4. 1 or later, a modem, and cables. Shareware; downloaded, \$30; on-disk, \$40. Alverson Software, 5635...

...AutoSave II

AutoSave II protects against system crashes. It saves your work at intervals from 1 to 99 minutes. Compatible with many applications but not recommended for use with databases. Version 1 .01 reviewed. Version 2.0 shipping. Requires System 6.03 or later. \$49.95. Magic...

...library of more than 40 cursors and 30 excellent sounds. Extremely easy to use. Version 1 .0.3 reviewed. Version 1 .052 shipping. Requires Mac

Plus or later and System 6.03 or later. \$89.95...

...cursor. Most useful if you frequently cut and paste to and from your Scrapbook. Version 1 .0 reviewed. Version 2. 1 shipping. Requires Mac Plus or later and System 6.03 or later. \$99.95. Mainstay...

...with one that identifies the problem and, if possible, offers various crash-recovery routes. Version 1 .01 reviewed. Requires Mac Plus or later and System 6.03 or later. \$79.95...

...SCSI devices, video and other hardware setups, and a wide variety of software details. Version 1 .0 reviewed. Requires Mac Plus or later with 2 MB of RAM, System 6.03...

...Provides useful Window Selection menu that lists all document windows for all open applications. Version 1 .0 reviewed. Requires System 7 or later. \$79.95. Kiwi Software, Inc., 6546 Pardall Rd...
...breaks as well as the interval allowed before it's time to resume work. Version 1 .0 reviewed. Version 1 .02 shipping. \$59.95. Visionary Software, Inc., P.O. Box 69447, Portland, OR 97201. 800...

...test procedures. Also includes Restarter, which repeatedly reboots the Mac and accumulates diagnostic information.
Version 1 .0 reviewed. Version 2.0 shipping. \$150. MicroMAT
Computer Systems, 7075 Redwood Blvd., Novato, CA...

...DAs, Fkeys, and sounds. Can link applications and then launch them with one command. Version 1 .57 reviewed. Requires Mac Plus or later with System 6.03 or later. \$49. ALSoft...many graphics and page-layout applications easier to use. Version 2.0 reviewed. Version 2. 1 .7c shipping. Requires Mac Plus or later. \$149. Olduvai Corp., 7520 Red Rd., Ste. A...

...includes a phone dialer, notepad, and useful launchers for DAs, control panels, and applications. Version 1 .03 reviewed. Requires System 5.2 or later. \$79.95. CE Software, Inc., 1801 Industrial...

...to simpler modules when the background load is heavy. Version 4.0 reviewed. Version 4. 1 shipping. Requires Mac Plus or later. \$39.95. Fifth Generation Systems, 10049 N. Reiger Rd...
...blocks and/or commands to any key or key combination. Enormously powerful. Version 2.0. 1 reviewed. Version 2.11 shipping. Requires Mac Plus or later, System 6.04 or later...

...as file launching, dialog boxes, menu-bar location, memory management, and extended-keyboard operation. Version 1 .01 reviewed. Requires Mac Plus or later, System 6.03 or later, and a hard...

9/K/15 (Item 9 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01511068 **Supplier Number: 12068462 (Use Format 7 Or 9 For FULL TEXT)**

Survey of expert critiquing systems: practical and theoretical frontiers.

(programs that critique human experts)(Computing Practices) (Technical)

Silverman, Barry G.

Communications of the ACM , v35 , n4 , p106(22)

April , 1992

Document Type: Technical

ISSN: 0001-0782

Language: ENGLISH **Record Type:** FULLTEXT; ABSTRACT

Word Count: 16383 **Line Count:** 01310

...in electronic work environments occurs when one is attempting to complete specific tasks. As Figure 1 shows, the user initiates a task using some task-support software (e.g., an expert...
...word processor). For a given task, the human's input to this environment consist of: (1) the problem description (e.g., patient's symptoms, design requirements, or type of document to...it fails any of the four tests that follow. These also appear in Figure 2.

(1) Clarity Tests -- A clear statement is unambiguous. It has one meaning. For instance, a generalization...

...Validation equates to correspondence. Validation means that knowledge passes the tests of correspondence or experience.

(4) Workability Testing--Perfect descriptive knowledge is infinitely costly. The body of knowledge must stop short...

...One verifies and validates a body of knowledge pragmatically. It requires a mutual exchange of view -points and a two-way communication between the expert human and the expert critic. This...

...of Five Categories of

Critiquing System Usage

This section will discuss five sets of critics:

- (1) the early influential prototypes, commercialized critics in
- (2) word processing and
- (3) engineering design,
- (4...

...of the first three sets of critics of this survey may be found in Table 1 . It plots the systems surveyed as the rows of the table and the alternative ways...it exclusively offers the features one requires in the critiquing process. As delineated in Table 1 , E-ATTENDING includes a differential analyzer and a dialog generator but it does not have...

...risk analysis, and when to critique by global plan analysis. Critiquing by reacting occurs where:

- (1) specific rules can be written for each type of wrong answer,
- (2) the rules for...

...or knowledge base of rules. This is how most grammar critics currently work.

If conditions (1) through (3) deteriorate and the domain has numerous feasible solutions and primarily subjective standards from...

...of acceptable solution sets. This, Mille calls critiquing by local risk analysis. Finally, if condition (4) does not hold for a given domain, then critiquing cannot simply address an isolated portion of the proposed solution (e.g., each subdecision in isolation), but must adopt a global view to examine the totality of what the user is suggesting. This is called critiquing by...s Contributions: A Theory of Expert Errors and Critiquing. While the purpose of Section 3. 1 is to describe five early and influential prototypes, COPE as it exists today is both...critics yet built (TIME, in [23] is a fielded critic generated in COPE with over 1 ,500 rules, 1 ,500 objects, and 2,000 textual notecards). These

methodologies were designed to improve the speed...

...errors) in typical office documents. This is because the differential analyzers now do the following:

(1) They compare each word in a sentence of the document to a sentence file listing...of critics, called style prelicators (e.g., [20]) the analyze three levels of the document:

(1) at the word level they do syllable counts,
(2) at the sentence level they do...just with the programmer positions, but also with the entire team of project managers, requirement analysts , designers, maintainers, and so on. Each has a Computer Aided Software Engineering (CASE) environment in...fact that such parallels make it relatively straightforward, at least conceptually, to do two things.

(1) Merge the two types of programs into high function environments. An example of an attempt...attempts to criticize the expert system's effort as shown in Figure 4.e by:

(1) noting its failure to reach a conclusion,
(2) commenting on the rules that were used...tutoring systems field seem worth exploring for their utility to critic programs (see Figure 5).

(1) " overlay models" that might help identify what critiquing strategy will work based on the errors a...
...critics. We will now explore each of these three ideas.

Next Generation Differential Analyzers: The Overlay Model. The differential analyzer, universal to critic programs, was first conceived under the name of...

...has now become the standard in the intelligent tutoring field. It is based on the overlay theory of [4], which presumes that a student will make different moves at different skill...

...skill level and conveys this to the differential analyzer that determines which of the skill- overlays to utilize.

There are numerous concerns and challenges associated ...such an approach for critics. For example, more must be known about the users, the overlays must be fleshed out, a user model must be added, and some of the overlay theory is unfinished. The advantages, however, could be potentially substantial. Criticism would be more oriented...

...level of depth of knowledge). These are just a few of the advantages of using overlay theory.

The Role of the User Model. In the survey of critics, the user model was included in the architecture of critic programs (Figure 1), but no critics were cited in the section on the five categories that actually used ...

...Correcting technical writers of this class of deeply ingrained errors probably requires use of an overlay theory that offers multiple strategies of criticism. Yet, the critic's correction used a single explaining strategy only. In the absence of an overlay , the critic never recovered the situation when the author became confused. It never even knew ...a Critic. The architecture of many critics is a major focus of this survey. figure 1 and Table 1 illustrate the major modules of a critic's architecture. These include differential analyzer, expertise module, dialogue generator, text files, user model, and interface. Table 1 also shows how differently various critics implement the capabilities and sub-components of these modules...

...their particular needs. The discussion of this survey should help them make those decisions.

References

[1] Atwood, M.E., et al. Cooperative learning and cooperative problem solving: The case of grace...

...Systems, Academic Press, New York: 1982, pp. 79-98.

[4] Carr, B., Goldstein, I.P. Overlays : A theory of modeling for computer aided instruction. AI Lab Memo 406, Mass. Institute of...

9/K/16 (Item 10 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01439758 **Supplier Number: 10957512 (Use Format 7 Or 9 For FULL TEXT)**

MiniFinders. (buyer's guide to Apple Macintosh hardware and software)

(buyers guide)

MacUser , v7 , n8 , p135(49)

August , 1991

Document Type: buyers guide

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 80288 **Line Count:** 06476

...constant access to hundreds of fonts, DAs, Fkeys, and sounds. A world-class utility. Version 1 .53 shipping. Requires System 6.0.3 or later. \$89.95. ALSoft, Inc., P.O. Box 926, Spring, TX77383. (713) 353-4090. (Mar '89)

Publishing Packs 3 1 /2

Publishing Packs bundles three Adobe typefaces that work well together for specific publishing projects...

...documentation has useful typeface information. Version 3 shipping.

Requires Mac Plus or later. Publishing Pack 1 (Newsletters), \$395;

Publishing Pack 2 (Forms and Schedules), \$475; Publishing Pack 3

(Presentations), \$475. Adobe...

...for resolving font-ID conflicts, and Font & Sound Valet for font and sound compression. Version 1 .2.2 reviewed. Version 1 .2.10 shipping.

Requires Mac 512Ke or later and System 4. 1 or later. \$79. Fifth

Generation Systems, 10049 N. Reiger Rd., Baton Rouge, LA 70809. (800)

873-4384 or (504) 291-7221. (June '89) * '87 Eddy

TypeAlign 4 1 /2

TypeAlign is an INIT/DA utility that is helpful for DTP work if you

...

...better, but the simple effects are easy to control and the results are striking. Version 1 .0.2 reviewed. Version 1 .0.4 shipping. Requires Mac Plus or later, System 6.0.2 or later, ATM...

...except on low-end Macs where it might be unacceptably slow. Includes ten fonts. Version 1 .0 reviewed. Version 1 .5 shipping. Requires Mac Plus or later. \$199.95. BrOrderbund Software, Inc., 17 Paul Dr...

...Systems, P.O. Box 682, Carlisle, MA 01741. (508) 369-1931. (Sept '90)

DesignStudio 3 1 /2

DesignStudio is based on Ready, Set, Go! but is more than just a beefed...

...Performance needs to be improved considerably, and a totally new manual would be helpful. Version 1 .0 reviewed. Version 2.0 shipping. Requires

Mac SE/30 with a hard-disk drive...Paramus, NJ 07653. (800) 343-8973 or (210) 845-6100. (June '90)

Fast Forms 4 1 /2

Fast Forms is a modest, inexpensive forms-design program directed primarily at low-end...

...files and can handle scanned images of preexisting forms. It lets you create fields and overlay them on a scanned image. The FastForms Filler feature lets you fill out forms without...

...1160 Industrial Ave., Ste. J, Petaluma, CA 94952. (707) 763-9944. (Jan '90)

FrameMaker 4 1 /2

FrameMaker is a powerhouse program for long-document publishing. Provides extensive power for creating...

...Imports standard Mac graphics as well as DOS, EPS, and Sun raster files. Version 2.1 shipping. Requires SE/30 or Mac II, System 6.0.3 or later, a 40...

...1010 Rincon Cir., San Jose, CA 95131. (408)433-3311. (Nov '90)

Informed Designer 4 1 /2

Informed Designer is a complex and comprehensive forms-design program primarily for high-end corporate users. Capable of accuracy to 1 / 1 .152 degree. Draws lines from .25 point to 999 points thick. Can import or export...

...file database manager that lets you merge or import forms data in various ways. Version 1 .0.1 shipping. Requires Mac Plus or later. \$295; Informed MiniManager, \$99. Shana, Advanced Technology Center, 9650...

...Ste. 105, Edmonton, Alberta T6N 1G1, Canada. (403) 463-3330. (Sept '90)

Interleaf Publishers 4 1 /2

Interleaf Publisher is a speedy multiuser layout system for producing large, complicated documents. This...

...Ave., Waltham, MA 02154. (800) 456-5323 or (617) 290-0710. (Apr '89)

Layouts 4 1 /2

Layouts is a five-disk set of PageMaker templates. The business-document templates are...

...Hopkins, Ste. 6, Valencia, CA 91355. (805) 257-1797. (May '90)

Multi-Ad Creator 4 1 /2

Multi-Ad Creator is a powerful tool that lets you create high-quality single...

...or (206) 628-2320. (Sept '90) * '85, '87, '88 Eddy

PDQ! (Page Designs Quick!) 4 1 /2

PDQ! (Page Designs Quick!) and PDQ! 5 (Page Designs Quick! 5) are PageMaker templates...

...is excellent, but art is lacking. You can modify all layouts from within PageMaker. Version 1 .0 shipping. Requires PageMaker 3.0 or later. PDQ!, \$89.95; PDQ! 5, \$159.95...

...Blvd., Ste. 307, Woodland Hills, CA 91367. (818) 340-8165. (Aug '90)

Personal Press 4 1 /2

Personal Press is a budget page-layout program. Lots of good features. Has style...

...only. Screen refresh occasionally slow. Can have only one document open at a time. Version 1 .0 reviewed. Requires Mac Plus or later with 2 MB of RAM System 6.03...

...drawing and painting tools. Uses a frame metaphor. Can rotate text. Limited color support. Version 1 . 1 reviewed. Version 1 .2 shipping. Requires Mac Plus or ...IL 60015. (800) 535-9497 or (708) 559-1300. (Dec '89)

Publish It! Easy 4 1 /2

Publish It! Easy is a budget DTP application with loads of features (including some...

...newsletters, let you concentrate on a page's overall appearance rather than its details. Version 1 .0 reviewed. Version 1 .01 shipping. Requires Mac Plus or later and hard-disk drive. \$295. Quark, Inc., 300...

...100, Denver, CO 80209. (800) 356-9363 or (303) 934-2211. (Feb '89)

QuarkXPress 4 1 /2

QuarkXPress 2.0 has wonderful new features, and the interface has been greatly simplified...

...CO 80209. (800) 356-9363 or (303) 934-2211. (Nove '90) * '89 Eddy

Ragtime 4 1 /2

RagTime combines word-processing, page-layout, graphics, and spreadsheet capabilities. It has a wide...

...frames and to adjust color and tint. Its number-crunching capabilities are minimal. Version 3. 1 shipping. Requires Mac Plus or later with 2 MB of RAM, System 6.0.2...

...halftones. Lacks style sheets or layout rulers. VErY limited text-import options -- only ASCII, Word 1 .0, and Mac Write 5.0. Copy protection using key-disk system. Confusing, incomplete documentation but toll-free support. VErSion 2. 1 reviewed. Requires Mac Plus or later and System 5.0 or later (hard-disk drive...

...when design is complete. This easy-to-use design environment can import color graphics. Version 1 . 1 reviewed. Version 1 . 1 .v1 shipping. Requires Mac Plus or later. \$399. Claris Corp., 5201 Patrick Henry Dr., Santa...

...management is unreliable if you need professional results. Version 3.0 reviewed. Version 3.0. 1 shipping. Requires at least 3 MB of RAM ...with a strong graphics emphasis. Good master template. Lacks text-import capability. Version 2.0. 1 shipping. Requires Mac Plus or later, System 6.0.3 or later, and a hard...

...There is a wide choice of customizable labeling schemes. Slide-making tools are formidable. Version 1 .0 reviewed. Version 3.0 shipping. Requires Mac Plus or later, System 6.0.3...

...one of its features. The redesigned program GraphMaster will replace Visual Business No. 5. Version 1 .02 shipping. Requires Mac II and System 6.0.3 or later; 2 MB of...

...alphabet. The on-screen elf's digitized voice is clear and pleasant. Very intuitive. Version 1 .0 reviewed. Version 1 .10 shipping. Requires Mac Plus or later. \$59.95. Bright Star Technology, Inc., 1450 114th...

...shipping. Requires Mac Plus or later with 2 MB of RAM and hard-disk drive. \$ 1 ,495. TeleRobotics International, 7325 Oak Ridge Hwy., Ste. 104, Knoxville, TN 37921. (615) 690-5600...

...and connectors, but that doesn't detract much from the overall program. Excellent manual. Version 1 .2 shipping. Requires Mac Plus or later and

System 6.03 or later (hard-disk...

...The quality ranges from adequate to superb. Doesn't support color or large monitors. Version 1 . 1 shipping. Requires Mac 512Ke or later. \$49.95. Great Wave Software, 5353 Scotts Valley Dr...

...Typing! has more features than a Selectric. Lots of diagnostics concerning typos. Incomplete documentation. Version 1 . 1 reviewed. Version 1 .3 shipping. Requires Mac 512Ke or later. \$49.95. Software Toolworks, 60 LEveroni Ct., Novato...

...St. Paul, MN 55126. (800) 228-3504 or (612) 481-3500. (Oct '90)
NumberMaze 4 1 /2
NumberMaze makes practicing basic math skills a game. Children ages 5 through 12 can...

...with familiar names and additional levels. Based on five major math-textbook series for grades 1 through 6. Version 1 .0 shipping. Requires Mac 512K or later; color-capable Mac for color version. \$49.95 438-1990. (Dec '89) * '88 Eddy

Physics 4 1 /2
Physics is a capable, intelligent, well-designed study aid. Covers topics from vectors to thermodynamics to the nature of light. Animated experiments let you try out concepts. Version 1 .2 shipping. Requires Mac Plus or later. \$99.95. Broderbund Software, Inc., 17 Paul Dr...

...to-six-year-old sets. Its only serious drawback is its copy-protection scheme. Version 1 .0 shipping. \$49.95. Broderbund Software, Inc., 17 Paul Dr., San Rafael, CA 94903. (800...

...many typographical errors and does not cite source quotations for any of its documents. Version 1 .0 shipping. Requires Mac Plus or later (hard-disk drive recommended). \$199.95. Scholastic Software...

...Dr., Fremont, CA 94555. (800) 852-2255 or (415) 713-0230. (June '88)
Type! 4 1 /2
Type! is a typing tutorial that is both practical and flashy. Users can interrupt...

...easily among them. Use of Return and space bar are assumed but never explained. Version 1 .0 reviewed. Requires Mac 512KE or later. \$29.95. Broderbund Software, Inc., 17 Paul Dr...

...program is easy to control and offers good performance, it has some strange bugs. Version 1 .0 reviewed. Version 2.0 shipping. Requires Mac Plus or later. \$29.95. Individual Software...

...seen from anywhere in the universe. Includes an extensive astronomical database. Terrific learning tool. Version 1 .0 reviewed. Version 1 .2 shipping. Requires Mac Plus or later and System 6.0.3 or later. \$124...

...Leandro, CA 94577. (415) 352-7328. (Sept '89)
Where in Time Is Carmen
Sandiego? 4 1 /2
Where in Time Is Carmen Sandiego? is the fourth in the popular Carmen Sandiego...

...travel device, but only your ability to learn geographic clues can save the day! Version 1 .0 reviewed. \$49.95. Broderbund Software, Inc., 17 Paul Dr., San Rafael, CA 94903. (800...

...your brain a workout instead of letting you rely merely on hand/eye coordination. Version 1 .0 reviewed. \$49.95. Three-Sixty Pacific, 2105 S.

Bascom Ave., Ste. 380, Campbell, CA...

...set the basic bias of the game, ranging from pronuclear industrialist to extreme "green." Version 1 .0 reviewed. \$49.95 Accolade, 550 S. Winchester Blvd., Ste. 200, San Jose, CA 95128...easy, and the program responds vocally. You may get tired of hearing "Gotcha," though. Version 1 .0 reviewed. Version 1 .02 shipping. Requires Mac Plus or later. \$44.95 Software Toolworks, 60 Leveroni Ct., Novato...

...play mechanics. Helpful tutorial. Excellent manuals offer strategic advice as well as game rules. Version 1 .2 reviewed. Requires Mac Plus or later. \$39.95. Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404. (800) 245-4525 or (415) 571-7171. (Sept '90)

Crystal Quest 4 1 /2'

Crystal Quest combines all the good elements of nearly every video game ever made...

...You need better-than-average hand/eye coordination, but it's worth the effort. Version 1 .0 reviewed. Version 1 .1 shipping. Requires Mac Plus or later \$49.95. Aldus Corp., 411 First Ave. S., Seattle...

...800) 333-2538 or (206) 628-2320. (Apr '87) * '87 Eddy

Darwin's Dilemma 4 1 /2

Darwin's Dilemma provides intriguing, deceptively simple entertainment. You manage a game piece called...

...you're willing to lose points) you can undo a series of regrettable moves. Version 1 .0. 1 reviewed. \$49.95. Inline Design, 5 W. Mountain Rd., Sharon, CT 06069. (203) 364-0063. (Mar '91)

Falcon 4 1 /2

Falcon simulates an F-16 fighter jet dogfighting with gut-tightening, sweat-making realism. Take on MiGs and dodge SAMs. Can be played via modem against other players. Version 1 .0 reviewed. Version 2.2. 1 shipping. Requires Mac Plus or later. \$59.95. Spectrum HoloByte, 2061 Challenger Dr., Alameda, CA...

...are built in to the program. You can also design custom courses and backgrounds. Version 1 .0 reviewed. Version 1 .61 shipping. Requires Mac Plus or later. \$59.95. Bullseye Software, P.O. Box 7900, Incline Village, NV 89450. (702) 265-2298. (July '87)

Halls of Montezuma 4 1 /2

Halls of Montezuma is a classic move-the-unites war game adapted for the...

...around before, but this one is fast-paced, with responsive spaceship and intriguing graphics. Version 1 .1 reviewed. Version 1 .1 .5 shipping. \$49.95. Casady & Greene, Inc., 22734 Portola Dr., Salinas, CA 93908.

(800) 359-4920 or (480) 484-9228. (Oct '90)

NFL Pro League Football

4 1 /2

NFL Pro League Football is a professional-football-league simulation that encourages people to...

...statistics. Includes three years of team statistics. Has modem capability and league-play mode. Version 1 .0 shipping. Requires Mac Plus or later. \$79.95. Micro Sports, Inc., 1410 Mountain Ash...

...missiles and artillery. Limited to black-and-white or 16 colors. Lasting entertainment value. Version 1 .0 reviewed. \$44.95. Software Heaven (FTL Games), 6160 Lusk Blvd., Ste. C206, San Diego...

...of play. Its copy-protection scheme requires you to use an included decoding wheel. Version 1 .2 shipping. Requires Mac ...Rafael, CA 94912. (800) 782-7927 or (415) 721-3333. (May '90)

PlayMaker Football 4 1 /2

You won't find a better combination of football and computer game than PlayMaker...

...animation -- although the animation is reasonably good. Copy protection requires a master key disk. Version 1 .0 reviewed. \$79.95. Broderbund Software, Inc., 17 Paul Dr., San Rafael, CA 94903. (800) 521-6263 or (415) 492-3200. (May '91)

Shadowgate 4 1 /2

Shadowgate is an adventure game where you, as the seed of prophecy, must save the world from the evil warlock. Great animated graphics, sound, and adventure. Version 1 .0 reviewed. \$49.95. Software Toolworks, 60 Leveroni Ct., Novato, CA 94949. (800) 231-3088...

...your efforts. Optional Terrain Editor program lets you build cities from the ground up. Version 1 .0 reviewed. Version 1 .2 shipping. Requires Mac Plus or later. \$49.95; SimCity Supreme (color version includes Terrain ...

...CA 94563. (800) 336-2497 or (415) 254-9700. (June '89) * '89 Eddy

SimEarth 4 1 /2

In SimEarth, you are the Supreme Being who guides an Earth-like planet's...

...distant galaxies before the Sun destroys it. Difficult to learn and has some bugs. Version 1 .0 reviewed. Requires Mac Plus or later. \$69.95. Maxis Software, Two Theatre Square, Ste...

...comic landscape. Not a game to play quietly; sound is everything in Sky Shadow. Version 1 .02 reviewed. Version 1 .02 reviewed. Version 1 .0.9 shipping. \$49.95. Casady & Greene, Inc., 22734 Portola Dr., Salinas, CA 93908. (800)...

...is to get off your ship before it explodes and save the Earnon System. Version 1 .0 reviewed. Version 2.0 shipping. \$49.95. Sierra On-Line, Inc., P.O. Box...

...color support in this old game; may not work reliably with newest Systems. Version 2. 1 reviewed. Requires Mac Plus or SE. \$29.95. Interstel Corp., P.O. Box 57825, Webster, TX 77598. (713) 946-7676. (May '88)

Stratego: The Computer Game

4 1 /2

The Mac version significantly improves on the classic Milton-Bradley board game in many...

...captures yours. Each side deploys an army of 32 officers (valued according to their rank), 1 spy, 6 bombs, and 1 flag. The Mac's presentation of Stratego closely resembles the board-game version's basic ...

...copy-protection scheme requires you to use a cardboard code wheel prior to play. Version 1 .0 reviewed. \$49.95. Accolade, 550 S. Winchester Blvd., Ste. 200, San Jose, CA 95128...

...69447, Portland, OR 97201. (800) 877-1832 or (503) 246-6200. (Mar '90)

Welltris 4 1 /2

Welltris is an arcade game that is a sequel to Tetris. Maneuver falling shapes...

...preview shapes, and color or black-and-white versions. Not a DA. Copy-protected. Version 1 .0 reviewed. Version 1 . 1 shipping. Requires Mac Plus or later. \$39.95. Spectrum HoloByte, 2061 Challenger Dr., Alameda, CA 94501. (415) 522-3584 or (415) 522-0107. (Oct '90)

* FINANCIAL
MANAGEMENT
* BUSINESS
A4 3 1 /2

A4 is based on 4th Dimension, the relational-database manager, and thus has 4D...

...or II series with at least 2 MB of RAM and 4th Dimension 2.0. 1 or later. \$2,500. Softek Design, Inc., P.O. Box 2100, Telluride, CO 81435. (303...

...solid accounting and bookkeeping fundamentals. Uses double-entry accounting. Compatible with AppleShare and MultiFinder. Version 1 .01 reviewed. Version 2. 1 shipping. ...can't be modified, forcing you to subscribe to Bedford's yearly update service. Version 1 .03 reviewed. Version 1 .2 shipping. Requires Mac Plus or later with System 6.0.3 or later. \$199...

...San Jose, CA 95131. (800) 531-5236 or (408) 432-1727. (Sept '88)
atOnce! 4 1 /2

atOnce! is an integrated accounting package with general-ledger, accounts-payable, accounts-receivable, and...

...13 periods per fiscal year, and up to 26 open periods stored on-line. Version 1 .0 reviewed. Version 1 .2 shipping. Requires Mac Plus or later and a hard-disk drive. \$395. Peachtree Software...

...30093. (800) 247-3224 or (404) 564-5800. (Nov '89) * '89 Eddy
Businesses Sense 3 1 /2

Business Sense is a basic double-entry accounting package with a one-write approach...

...Works on a single Mac only; tasks can't be divided among multiple machines. Version 1 .3 reviewed. Version 1 .41 shipping. Requires Mac Plus or later. \$179. Inman Software, P.O. Box 3240, Evanston...

...entry bookkeeping is supported transparently. No transaction journals, credit limits, or finance-charge calculations. Version 1 .3 reviewed. Version 1 .30 shipping. Requires Mac Plus or later. \$195; upgrade to MultiLedger, \$195. CheckMark Software, Inc...

...it with other accounting systems. Especially appealing to users with database or graphics backgrounds. Version 1 .0 shipping. Requires Mac Plus or later with 2 MB of RAM, System 5.0...

...Ave., Ste. 295, Seattle, WA 98121. (206) 443-0765. (Oct '89)
Computerized Classic
Accounting 4 1 /2

Computerized Classic Accounting is an Excel-based integrated accounting system. The spreadsheet interface is...

...in Excel at any time. A good alternative for those currently using paper ledgers. Version 1 .5 reviewed. Version 2.2.2 shipping. Requires Mac SE or later with at least 2 MB of RAM, Microsoft Excel 1 .5 or later, and a hard-disk drive. Basic configuration, \$395; Client Write-Up version...

...ND 58103. (800) 456-4417 or (701) 281-0550. (May '90)
Insight Expert Payroll 4 1 /2

Insight Expert Payroll is part of the Insight Expert series. Can be used as...

...GA 30093. (800) 247-3224 or (404) 564-5800. (Apr '90)
Insight Expert Series 4 1 /2

Insight is a high-powered ...Modules include Accounts Receivable, Accounts Payable, General Ledger, Inventory Control, Time Billing, and Payroll. Version 1.0 reviewed. Requires Mac Plus or later, System 4.2 or later, and a hard...

...247-3224 or (404) 564-5800. (Dec '86) * '86 Eddy

M.Y.O.B. 4 1 /2

Mind Your Own Business is an excellent value, functional enough for small-business accountants...

...recommended (4 MB for AppleShare server), and a hard-disk drive. Single-user version, \$1,795; up to 5 users, \$2,795; up to 10 users, \$3,795. Logisoft, Inc., 128 Villa Ct., Lafayette, CA 94549. (415) 939-3556. (May '90)

MultiLedger 4 1/2

MultiLedger is an integrated general-ledger, accounts receivable, accounts payable, and inventory system. It does...

...Double-entry bookkeeping is supported transparently. Lacks transaction journals and customer credit limits. Version 1.3 reviewed. Requires Mac Plus or later, \$395. Check-Mark Software, Inc., 1520 E. Mulberry, Ste...

...4

Payroll is a module designed to work with MultiLedger or CashLedger version 4.1. Version 4.10 shipping. Requires Mac Plus or later. \$295. CheckMark Software, Inc., 1520 E. Mulberry...

...20 comprehensive reports and handles multiple companies. It defaults to accrual-basis accounting. Version 1.05 reviewed. Version 1.06 shipping. Requires Mac Plus or later (hard-disk drive recommended). \$395. Great Plains Software, 1701...

...Transactions automatically post through all relevant modules. There's no recurring-transaction ability. Version 1.0 reviewed. Version 3.11 shipping. Requires Mac 512Ke or later. \$199.95 per module; package...

...Clara, CA 95054. (408) 727-8096. (May '90)

Sales and Marketing

Forecasting Toolkit 4 1/2

The Sales and Marketing Forecasting Toolkit is an Excel-based productivity package. The 18 worksheets, 8 charts, and 1 macro sheet let you create graphs visually, and then the program shows you the members needed...

...interface need polishing, and layout isn't WYSIWYG, making reporting unnecessarily difficult. Version 2.1.6 reviewed. Requires Mac Plus or later (hard-disk drive recommended). \$299. Aatrix Software, P.O...KS 66049. (800) 843-8101 or (913) 843-8101. (May '90)

* PERSONAL

CheckFree 3 1/2

checkFree is electronic-bill-paying software that works with a dedicated service. Bills are paid...

...required on all payments. Software works well but does have problems with MultiFinder. Version 1.5 reviewed. Requires Mac 512Ke or later, System 4.1 or later, and Hayes-compatible modem (hard-disk drive recommended). \$33.95; service costs \$9.95...

...updating function for recurring transactions. Print checks on laser printers or ImageWriters. Version 3.1 reviewed. \$59. Aatrix Software, P.O. Box 5359, Grand Forks, ND 58206. (800) 426-0854 or (701) 746-6801. (Apr '91)

MacInTax 1990 4 1/ 2

MacInTax is an excellent tool for preparing federal and some state tax forms. Intuitive and...

...all Laser-Writers and ImageWriters. Many state-tax-form sets are also available. Version 1. 4 reviewed. Requires Mac Plus or later. Federal, \$99; state, \$69 each. SoftView, Inc., 1721 Pacific...

...manager that produces a wide and useful variety of reports and graphs. Version 3.1 reviewed . Version 3.5 shipping. Requires Mac 512K or later. \$119.95. Survivor Software Ltd., 11222...

...Inglewood, CA 90304. (213) 338-0155. (July '88) * '86 Eddy

Managing Your Money 4 1/ 2

Managing Your Money is Andrew Tobias' respected and well-supported personal-financial-manager program. Long...

...B, C, D, and E; Forms 1040 and 2106; and Canadian tax forms. Version 1. 0 reviewed. Version 1. 5 shipping. Requires Mac 512Ke or later. \$59.95. Intuit, Inc., P.O. Box 3014, Menlo...

...forms on LaserWriters and ImageWriters. Many state-tax-form sets are also available. Version 1. 0 reviewed. \$89; state-form packages, \$49 each. Chipsoft, Inc., P.O. Box 85709, San Diego...

...trends, using technical analysis. Downloads information from an electronic service. Good charting. Version 2.1 reviewed . Version 3.02 shipping. Requires Mac Plus or later and a hard-disk drive; telecommunications...

...227-5728 or (602) 461-3296. (Oct '88)

* FREeware &

SHAREware

ASCII Chart DA 3 1/ 2

ASCII Chart DA shows all 256 characters for a font. Fonts can be easily changed...

...Free on many BBSs and on-line services. Jon Wind. (Oct '90)

Blessor 3 1/ 2

Blessor allows you to switch between various System Folder configurations on your hard disk without...

...Set Startup defaults for MultiFinder when you're restarting a switched-on system. Version 1. 1 shipping . Free. Dave McGary. (Oct '90)

Color Bits 4

Compared with previous generations of icon-drawing...it doesn't require ResEdit. Available on some BBS and on-line services. Version 1. 0 shipping. Shareware, \$10. Ben Haller. (Oct '90)

Dir-Acta-Ry 4

Dir-Acta-Ry gives...

...675 Almanor Ave., Sunnyvale, CA 94086. (408) 245-3000. (Dec. '87)

MIDI Companion 4 1/ 2

MIDI Companion is a MIDI tool that lets you patch MIDI signals, sounds, and channels...

...playback. Has extensive electronic documentation. Requires knowledge about using the Mac with MIDI. Version 1. 0 shipping. Shareware fee, \$15. Robert Patterson. (Oct '90)

miniWriter 4 1/ 2

miniWriter is a word-processing DA that has a slick feel and is easy to...

...dot-matrix printers, it prints very well on laser and inkjet printers

too. Version 1. 61 shipping. Shareware, \$12. Maitreya Design, P.O. Box 1480, Goleta, CA 93116. (805) 968-7578...

...and RDEVs. This data can be vital if you experience conflicts or problems. Version 1. 21 shipping. Free from on-line services or \$5 from author. Mi Concepts, P.O. Box 8822, Kentwood, MI 49508. (Sept '89)

Sound Manager Package

4 1/ 2

Sound Manager Package is a group of well-implemented sound-file manipulators and players. It...

...opposed to music) aficionados. Many useful and amusing sounds are included on-disk. Version 1. 40 shipping. Requires Mac 512Ke or later. Shareware, \$20. Ettore Software, 67 Rue de la Limite, 1970 W-Oppem, Belgium. (011) 322-235-5978. (Nov '89)

SoundMaster 4 1/ 2

SoundMaster is an element INIT/ control panel that lets you assign sounds to a wide...

...assorted key presses. Keeps track of the amount of memory consumed by sounds. Version 1. 6 .5 shipping. Requires System 4.1 or later. \$20. Bruce Tomlin, 15801 Chase Hill Blvd., Ste. 109, San Antonio, TX 78256. (Nov ...

...also has excellent timer and alarm functions. Version 3.9 shipping. Requires System 4.1 or later. Free. Steve Christensen, CompuServe 76174, 1712; Apple-Link STEVEC. (Nov '89)

* GRAPHICS &

DESIGN

Capture 4 1/ 2

Capture is a reliable screen-capture utility. It can capture full or partial screens either...

...B Derry Ave., Agoura Hills, CA 91301. (818) 991-6540. (Jan '90)

ColorStudio 4 1/ 2

Although decidedly more complex and difficult to learn than Adobe's Photostop, ColorStudio offers an...

...98104. (800) 333-2538 or (206) 628-2320. (June '91) * '88 Eddy

Enhance 4 1/ 2

Enhance is an 8-bit, gray-scale image processor. Has many of the graphics tools...

...level graphic-arts tools. Has painting, text, and shape-drawing tools. Weak manual. Version 1. 01 shipping. \$375. MicroFrontier, 7650 Hickman Rd., Des Moines, IA 50322. (800) 388-8109 or (515...

...attractive details and modify certain parts of charts while locking other areas down. Version 1. 5 shipping. Requires Mac Plus or later. \$149. Tree Star, Inc., 116 Memory Ln., Campbell, CA 95008. (800) 366-6045 or (408) 371-8343. (Apr '90)

Image Analyst 4 1/ 2

Image Analyst is an image-processing program that lets you identify and analyze any element of an image...

...video images. Manual is well illustrated but poorly written. Easy to learn. Version 7.1 shipping. \$2,000. Automatix, 1000 Tech Park Dr., Billerica, MA 01821. (508) 667-7900. (July '90)

Image Grabber 4 1/ 2

Image Grabber is DA screen-capture program. Can capture pull-down menus and convert 8...

...P.O. Box 70278, Bellevue, WA 98007. (206) 861-0602. (May '90)

ImageStudio 4 1/ 2
ImageStudio puts a complete black-and-white or gray-scale photo-retouching lab onto the...

...work on color images, ImageStudio is all you need for professional photo manipulation. Version 1. 0 reviewed. Version 1. 7 shipping. Requires Mac Plus or later and a hard-disk drive; gray-scale work requires...

...Paramus, NJ 07653. (800) 343-8973 or (201) 845-6100. (June '88)
LANDesign 4 1/ 2
LANDesign is a versatile land-surveying program that stimulates the way surveyors worked before they...
...named with character identifiers and labels. This intelligent program is easy to use. Version 1. 11 reviewed. Version 1. 14 shipping. Requires Mac Plus or later (hard-disk drive recommended). \$595. Compuneering, Inc., 113 McCabe...

...Thornhill, Ontario L4J 2S6, Canada. (416) 738-4601. (Sept '89)
MultiClip 2.0 4 1/ 2
MultiClip 2.0 is a much improved version of an already good product. It lets...

...or 24-bit models. Performs color separations, but process requires substantial disk space. Version 1. 0 reviewed. Version 1. 5 shipping. Requires Mac II with 2 MB of RAM, a color monitor, an 8-bit...

...Mac and DOS machines. Has 22 pictorial options and 5 third-party filters. Version 1. 0 shipping. Requires Mac II series, 2 MB of RAM, a hard-disk drive, and a...

...can be copied to the Clipboard. Powerful and has an excellent interface. Version 3.1 reviewed . Version 3.2 a shipping. Requires Mac Plus or later and System 4.1 or later (hard-disk drive recommended). \$99.95. Loop Software, P.O. Box 1249, 704 University...

...mapped paint, PCIT, 24-bit color, Clipboard or Scrapbook, or Startup-Screen formats. Version 1. 1 reviewed . \$59.95. Baseline Publishing, 1770 Moriah Woods Blvd., Ste. 14, Memphis, TN 38117. (800) 926 ...

...and lets you import EPS files into any program. Has 15 text effects. Version 1. 0 .1 shipping . Requires Mac Plus or later, System 6.0.3 or later, and a PostScript laser...

...printing. Volume II includes graphic elements; volumes III and IV contain text effects. Version 1. 0 .2 shipping. Requires Mac Plus or later, System 6.0.3 or later, and PostScript...

...800) 344-8335 or (415) 961-4400. (Jan '90)
SmartScrap and The Clipper 5 1/ 2
SmartScrap and The Clipper are two useful DA utilities for graphics work. SmartScrap is a...Box 783, Williston, VT 05495. (802) 865-9220. (July '87) * '87 Eddy
SnapJot 4 1/ 2
SnapJot is a DA/INT utility that lets you capture full or partial screens. Differs...

...Wildflower Software, 21W171 Coronet Rd., Lombard, IL60148. (708) 916-9360. (June '91)
Streamline 3 1/ 2
Streamline is a dedicated PostScript auto-trace package. Can quickly produce nearly print-ready traces...

...Illustrator or a similar program. Continuous-tone photos aren't worth the trouble. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac Plus or later and System 4.2 or...

...CA 94039. (800) 344-9335 or (415) 961-4400. (Nov. '89)

Virtus WalkThrough 4 1/ 2

Virtus WalkThrough is a powerful modeling and visualization package that makes virtual reality available to...

...any direction. Lacks import/export capabilities needed for serious CAD. Compact data files. Version 1. 0 .3 reviewed. Requires Mac Plus or later with 2 MB of RAM (hard-disk drive...

...204, Cary, NC 27511. (919) 467-9700. (July '91) * '90 Eddy

* CAD

Aperture 3 1/ 2

Aperture combines a CAD program with a database manager. Some of its numerous features are...

...color support, infinite zoom, and libraries as well as many other power tools. Version 1. 0 .2 reviewed. Version 1. 6 shipping. Requires Mac Plus or later (Mac SE/30 or II series with 2 MB...

...CT 06901. (800) 342-9022 or (203) 975-7587. (Apr '90)

Ashlar Vellum 4 1/ 2

Vellum is an entirely new type of CAD package with AI elements. The cursor can...

...least 4 megabytes). Can import and export DXF files but not IGES files. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac II series or SE/30 with 2 MB...

...particularly useful for architectural drafting. Its control over colors and patterns is excellent. Version 1. 0V6 reviewed. Version 2.0 shipping. Requires Mac Plus or later. \$295. Graphsoft, Inc., 8370 Court...

...544-8554 or (408) 727-8227. (Mar '91)

Design Your Own Home:

Architecture 3 1/ 2

Design Your Own Home: Architecture is a specialized drawing program that produces simple housing floor...

...Eugene, OR 97402. (800) 451-4871 or (503) 342-3030. (May '90)

DynaPerspective 4 1/ 2

Presentation was the strength in earlier versions of this 3-D CAD program. Necessary drafting...

...445-3962 or (415) 349-5700. (Dec '90) * '90 Eddy

MiniCad+ 3.0 4 1/ 2

With a fast and logical interface, MiniCAD+ has a Pascal-like macro language, an internal...202, Ellicott City, MD 21043. (301) 461-9488. (Apr '91) * '90 Eddy

ModelShop 3 1/ 2

ModelShop is a powerful 3-D-modeling package. It needs many navigational and editing improvements...

...not only differ from what you expect but often require too many steps. Version 1. 1 shipping. Requires Mac Plus or later and a hard-disk drive. \$595. Paracomp, Inc., 1725 Montgomery...

...you can do other work. Conspicuously lacks precision options. Five

libraries are available. Version 1. 4 .2 shipping. Requires Mac II series with FPU and hard disk and at least 2...

...roots. Excellent element manipulation and full plotter support. Library user interface is crude. Version 1. 0 reviewed. Version 3.0 shipping. Requires Mac Plus or later. \$2,395. Computervision (Personal CAD...

...Artbeats 5

Artbeats is a series of superb, hightech EPS backgrounds. Five packages (Dimensions 1 and 2, Potpourri, and Natural Images 1 and 2) offer abstract, geometric, and natural images. Each package has 20 full-page, complex backgrounds...

...Mac Plus or later with 2 MB of RAM (hard-disk drive recommended). Dimensions 1, \$ 79 .95; Dimensions 2, \$99.95; Potpourri, \$99.95; Natural Images 1, \$ 99 .95; Natural Images 2, \$129.95. Artbeats, P.O. Box 20083, San Bernardino, CA 92406. (714) 881-1200. (Nov '90)

Canned Art: Clip Art for the
Mac 4 1/ 2

Canned Art: Clip Art for the Mac is a printed catalog of more than 15

...

...released as of August 1988, the spring 1988 package is the better one. Version 1. 0 reviewed. Requires a program that reads EPS files, and a PostScript printer. Quarterly editions, vol. 1- 10 , \$39.95; C&C 500, \$395; C&C Military Art vl.1, Medical /Health vl.3, and Business vl.5, \$149 each; Road and Warning Signs vl.2...

...Business Images 2, is the best collection and can be cataloged with Curator. Version 1. 0 reviewed. \$129.95. Dream Maker Software, 7217 Foothill Blvd., Tujunga, CA 91042. (800) 876-5665...ROM. Comes with a well-designed catalog of images. Twenty volumes are available. Version 1. 0 reviewed. Version 5.0 shipping. Requires a program that reads EPS files. CD-ROM, \$799...

...with uneven quality. The borders are the most elegant. Other packages are available. Version 1. 0 shipping. Requires a program that reads EPS files and a PostScript printer. \$149.95. ArtWare...

...456-0234 or (206) 367-9321. (Nov '90) * '90 Eddy

Japanese Clip Art 4 1/ 2

Japanese Clip Art is extraordinary. Consists of MacPaint documents and separate fonts. Volume I, Heaven, covers mythological subjects; Volume II, Earth, offers secular subject matter. Version 1. 0 reviewed. Each volume, \$79.95; Year of the Dragon '88, \$29.95. Qualitas Trading Co...

...Ave., Riverside, CA 92505. (714) 687-3815. (Feb '89)

Metro ImageBase

Electronic Art 3 1/ 2

Metro ImageBase Electronic Art is a series of TIFF and EPS clip art from the...

...91356. (800) 525-1552 or (818) 881-1997. (Aug '89)

Professional Photography

Collection, Volume 1 5

This CD-ROM contains 100 color TIFF images. Each image comes in three formats: 24...

...E. 16th., New York, NY 10003. (212) 675-8500. (Sept '90)

Totem Graphics 4 1/ 2

Totem Graphics provides 13 volumes of PostScript images in 24-bit color. Color blends and...

...Deering Ave., Chatsworth, CA 91311. (818) 700-9525. (Sept '87)

* DRAWING &

PAINTING

Azimuth 3 1/ 2

Azimuth isx a solid mapmaking program that lets you build maps of the earth based...

...export formats is too limited, often rendering its nice output difficult to use. Version 1. 0 shipping. Requires MacPlus or later, \$395. Graphsoft, Inc., 8370 Court Ave., Ste. 202, Ellicott City, MD 21043. (301) 461-9488. (Apr '90)

CA-Cricket Draw 3 1/ 2

CA-Cricket Draw is an object-oriented drawing program that produces high-quality output. Prints on PostScript-compatible devices. Version 1. 1 . 1 shipping . Requires Mac Plus or later, System 6.0.3 or later, and a second disk...

...800) 622-6827 or (305)594-6965. (Apr '89) * '89 Eddy

Color MacCheese 3 1/ 2

Color MacCheese is an inexpensive, full-color painting program that is designed for artistic fun...

...casual painters who want to get to work immediately, Color MacCheese is perfect. Version 1. 05 reviewed. \$99. Delta Tao Software, Inc., 760 Harvard Ave., Sunnyvale, CA 94087. (800) 827-9316 or (408) 730-9336. (Mar '91)

The Comic Strip Factory 4 1/ 2

The Comic Strip Factory is an assembly program for creating comic strips. Includes a database...

...panels. Good text editing in balloons. Can import and export in MacPaint format. Version 1. 0 reviewed. Version 1. 6 shipping. Requires Mac Plus or later. \$60.95. Foundation Publishing, Inc., 14228 Shore Ln., Prior Lake, MN 55372. (612) 445-8860. (Dec '87)

DeskPaint and DeskDraw 4 1/ 2

DeskPaint and DeskDraw are reasonably full-featured painting and drawing programs in DA form. You...

...clip or extend existing lines and build fillets. Can be awkward to use. Version 1. 1 reviewed . Requires Mac Plus or later and MacDraw II version 1. 0v4 or 1. 1v2 . \$99.95. Paracomp, Inc., 1725 Montgomery St., San Francisco, CA 94111. (415) 956-4091. (July...)

...totally user-definable. Poor manual. Offers good performance for a very low price. Version 1. 1 reviewed . Version 1. 1 shipping . \$79. Creative Software, 55 Clinton Ave., New Providence, NJ 07974. (800) 367-6899 or (201) 665-9361. (Sept '90)

FreeHand 4 1/ 2

FreeHand 3.0 is a professional PostScript illustration package. Includes auto-trace, 100 levels of...

...Seattle, WA 98104. (800) 333-2538 or (206) 628-2320. (July '91)

Illustrator 4 1/ 2

Illustrator is a professional-level color PostScript graphics program from the people who defined the...

...94039. (800) 344-8335 or (415) 961-4400. (Feb '91) * '88 Eddy

MacCalligraphy 3 1/ 2

MacCalligraphy simulates brush painting. User-designed Seals and Touches enable you to design a signature...

...some getting used to. Handsome custom-built wooden box stores disks and

documentation. Version 1. 0 reviewed. Version 2.01 shipping. \$149.95.
Qualitas Trading Co., 6907 Norfolk Rd., Berkeley, CA 94705. (415) 848-8080.
(Feb '88)

MacDraft 4 1/ 2

MacDraft is an object-oriented drawing program that offers a rich set
of features for...

...classes or for small architectural/construction contracting businesses.
Version 2.0 reviewed. Version 2.1 shipping . Requires Mac Plus or later,
System 6.03 or later, and a hard-disk drive CA 94520. (415) 680-6818. (Oct
'90)

MacDraw II 3 1/ 2

MacDraw II updates the venerable, popular object-oriented drawing
program. Adds dithered and color patterns in its own documents but doesn't
support color in PICT II format. Version 1. 0 reviewed. Version 1. 1v2
shipping. Requires Mac Plus or later. \$399. Claris Corp., 5201 Patrick
Henry Dr., Santa Clara...

...95052. (800) 544-8554 or (408) 727-8227. (Nov '88) * '85 Eddy

MacPaint 3 1/ 2

MacPaint hasn't lost its shine after all these years. Supports
multiple windows, design templates...

...544-8554 or (408) 727-8227. (July '88) * '85, '87 Eddy

Photon Paint 3 1/ 2

Photon Paint doesn't rival its high-end competition, but it does
offer a workable painting environment, multiwindow capability, some
interesting special effects, and a lower price. Version 1. 0 reviewed.
Version 1. 1 shipping . Requires Mac II with color card and System 6.0.3
or later. \$149.95...

...O. Box 3475, Granada Hills, CA 91394. (818) 785-7345. (May '89)

PixelPaint 3 1/ 2

PixelPaint is a professional 256-color (8-bit) painting program with
a good interface, practical...

...bit imaging for Sharp and Howtek color scanners. Version 2.0 reviewed.
Version 2.1 shipping . Requires Mac II series or SE/30 with 8-bit-color
board and 2 MB...

...485 Potrero Ave., Sunnyvale, CA 94086. (408) 245-2202. (Oct '89)

PixelPaint Professional 3 1/ 2

PixelPaint Professional is an upgrade from the original,
groundbreaking PixelPaint. This version's difficult interface...

...powerful tool for electronic artists. Lacks an independent PostScript
text layer. Excellent documentation. Version 1. 0 reviewed. Version 2.0
shipping. Requires 24-bit-color display system, 4 MB of RAM...

...SuperMac Technology, 485 Potrero Ave., Sunnyvale, CA 94086. (408)
245-2202. (Mar '91)

Studio/1 4 1/ 2

Studio/1 is an excellent monochrome painting program that also has
impressive flip-frame animation capabilities. It has...

...surface, painting tools with 300-dpi capabilities, and a HyperCard
playback utility (XCMD). Version 1. 0 reviewed. Requires Mac Plus or
later. \$149.95. Electronic Arts, 1820 Gateway Dr., San Mateo, CA 94404.
(800) 245-4525 or (415) 571-7171. (Sept '89)

Studio/32 4 1/ 2

Many graphic artists think that this is the ideal color-painting
program. Studio/32 provides...

...adjustable color range. Despite its power, Studio/32 is exceptionally easy to use. Version 1. 0 reviewed. Requires 24-bit-color display, 5 MB of RAM, and a hard-disk drive...

...facet of objects. Easy to make global changes. Version 2.04 reviewed. Version 2.1 shipping . Requires Mac Plus or later, System 6.0.3 or later, and a hard-disk...

...Seattle, WA 98104. (800) 333-2538 or (206) 628-2320. (Mar '90)

SuperPaint 2 1/ 2

SuperPaint 2.0 is a combination painting/drawing program that includes features such as plug...

...your view through a scene, saving frames for playback. Superb object-manipulation interface. Version 1. 1 reviewed . Version 1. 2 shipping. Requires Mac Plus or later, System 6.0.3 or later, and a hard...

...St., San Francisco, CA 94111. (415) 956-4091. (Mar '90 * '89 Eddy

UltraPaint 3 1/ 2

UltraPaint is an 8-bit-color-graphics program best suited for those new to computer...

...variety of specialized tools and modes. It does have a somewhat quirky interface. Version 1. 0 reviewed. Requires Mac II series of LC with color monitor. \$199. Deneba Software, 3305 N Apple Macintosh Portable 4 1/ 2

This probable computer is bigger than a laptop, but it works well on the road...

...2333 or (408) 996-1010. (Sept '90) * '89 Eddy

CasioLink for the Macintosh 4 1/ 2

The CasioLink is a hardware/software package that links the popular Casio BOSS series of...

...to text files and HyperCard stacks but has some trouble importing from stacks. Version 1. 01 . shipping. Requires Mac Plus or later and Casio BOSS. \$109. Casio, 570 Mount Pleasant Ave., Dover, NJ07801. (201) 361-5400. (May '90)

Colby SE/30 3 1/ 2

This powerful portable computer has hardware contrast and brightness controls for better viewing. Battery life...

...800) 888-8458 or (612) 452-8135. (Mar '89)

Hewlett-Packard 48SX

Calculator 3 1/ 2

The 48SX is HP's most powerful, versatile, and expensive calculator. It supports file transfers...

...Corvallis, OR 97330. (800) 752-0900 or (503) 752-7736. (Mar '91)

KeyLock 3 1/ 2

The KeyLock is a security package that has a piece of hardware that's inserted...

...same password. INIT and DA portion are easily bypassed. \$129.95. Viking Tech, 533 1/ 2 Via De La Valle, Ste. E, Solana Beach, CA 92075. (619) 792-1385. (July '90...

...that's controlled by a built-in touch pad -- reasonably intuitive for Mac owners. \$1, 795 . Psion, 118 Echo Lake Rd., Watertown, CT 06795. (203) 274-7521. (July '90)

Orange Micro...

...with HP-compatible printers is slow but adequate. Has a built-in spooler. Version 1. 0 reviewed. Requires Mac Plus or later, System 6.0.3

or later, a hard-disk drive, and 1 MB of printer RAM.LX version, \$199; LS version, \$99. Orange Micro, Inc., 1400 N. Lakeview...

...Angeles, CA 90066. (213) 578-9712. (Sept '90)

* COMMUNICATIONS

Abbaton InterFax 24/96 3 1/ 2

The InterFax 24/96 is a fax modem capable of either 2,400-bps data...
St., Chatsworth, CA 91311. (818) 998-6100. (Jan '91)

Applied Engineering DataLink

Express 2 1/ 2

This 2,400-bps modem's slow performance is partly due to MNP 5 compression, and the bundled Terminal 1.5 software doesn't help in setting up data compression or error correction. The modem comes...

...800) 547-3303 or (503) 626-2291. (May '91)

Computer Friends Lightspeed

2400LE 3 1/ 2

The price/performance of this 2,400-bps modem makes it a best buy.
If...

...feature and the cover pages are inflexible. Expensive for stand-alone use. Networkable version, \$1,099; FaxShare version, \$1,199. Cypree Research, 766 San Aleso Ave., Sunnyvale, CA 94086. (408) 752-2700. (May '91)

Dove...

...of most fax machines. Using it as a normal modem requires changing plugs. Version 1.03 reviewed. Requires MacPlus or later and a hard-disk drive. \$445. STF Technologies, Inc., P...

...81, Concordia, MO 64020. (816) 463-2021. (Feb '89)

Global Village TelePort A300 4 1/ 2

This small 2,400-bps modem has an excellent price and solid performance. It connects...

...94025. (415) 329-0700. (Jan '91 * '90 Eddy

Hayes V-series Smartmodem

2400 4 1/ 2

This modem showed outstanding performance in our tests. Its V.42bis compression lets it operate...

...Atlanta, GA 30348. (404) 441-1617. (Jan '91)

Hayes V-series Smartmodem

9600 4 1/ 2

The V-series Smartmodem 9600 is one of the fastest modems available for the Mac...

...and communications software. \$999; with cable, Smartcom II for the Mac, and HayesConnect software, \$1,049. Hayes Microcomputer Products, Inc., P.O. Box 105203, Atlanta, GA 30348. (404) 441-1617. (Jan '89)

HyperDialer 3 1/ 2

HyperDialer provides an interface between a phone and your Mac so you can dial a...CA 94538. (800) 767-2442 or (415) 683-0300. (May '91)

Prometheus MaxFax 2 1/ 2

The MaxFax is a fax modem capable of either 2,400-bps data transmission or...

...of later, System 6.0.3 or later, and a 20-MB hard disk. \$1,295. Relisys, 320 S. Milpitas Blvd., Milpitas, CA 95035. (800) 735-4797 or (408) 945-9000. (Jun '90)

Zoom Telephonics Zoom/Modem

V.42bis 4 1/ 2

The Zoom/Modem is a reasonably priced 2,400-bps modem with excellent

performance. It...

...800) 631-3116 or (617) 423-1072. (Jan '91)

* DISPLAY SYSTEMS

Aapps MicroTV 3 1/ 2

The MicroTV is a NuBus board that puts a small (128-x-108-pixel) video...

...audio capabilities. Can perform-on-the-fly frame captures. Control DA is elegant. Version 1. 03 reviewed. Version 1. 2 shipping. Requires Mac II or later. \$395. Aapps Corp., 756 N. Pastoria Ave., Sunnyvale, CA...

...800) 776-2333 or (408) 996-1010. (Apr '90)

Apple Macintosh Portrait

Display 4 1/ 2

This high-quality, full-page monitor is possibly the best available -- but it's expensive...

...buy. Requires Mac II series with video card (optional with Mac IIci and IIxi). \$1, 099 . Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014. (800) 776-2333 or (408) 996...

...776-2333 or (408) 996-1010. (Apr '90)

AppleColor High-Resolution

RGB Monitor 4 1/ 2

The AppleColor High-Resolution RGB Monitor is standard among 13-inch monitors. It's very 1, 650 . E-Machines, Inc., 9305 S.W. Gemini Dr., Beaverton, OR 97005. (800) 344-7274 or...

...274 or (503) 646-6699. (May '90) * '88 Eddy

E-Machines QuickView Z21

3 1/ 2

This 21-inch monochrome monitor has four dpi settings (36, 40, 72, or 80). Dim...

...focus. Requires Mac SE, SE/30, or II series. \$2,490; Mac SE version, \$1, 995 . E-Machines, Inc., 9305 S.W. Gemini Dr., Beaverton, OR 97005. (800) 344-7274 or (503) 646-6699. (Apr '90)

E-Machines T19 4 1/ 2

This 19-inch color monitor has a fairly sharp screen. The color is excellent, and...

...800) 344-7274 or (503) 646-6699. (May '90)

E-Machines T19/24 4 1/ 2

This 24-bit-color display system combines the E-Machines T19 monitor with a 24...

...800) 344-7274 or (503) 646-6699. (May '90)

E-Machines TX/24 4 1/ 2

This 24-bit-color display system combines the E-Machines TX monitor with a 24...

...800) 344-7274 or (503) 646-6699. (May '91)

Ehman Full Page Display

3 1/ 2

Considering its price, the Ehman Full Page Display with 15-inch-diagonal monochrome screen is...

...800) 257-1666 or (307) 789-3830. (Feb '91)

Ehman Two-Page Monitor

3 1/ 2

This 19-inch ...a Mac. Software is clunky and doesn't take advantage of Mac graphics. Version 1. 0 reviewed. Version 2.1 shipping . Requires

Mac SE or later, System 6.0.3 or later, presentation software, a 20...

...800) 525-5811 or (408) 734-2100. (May '90)

Lapis DisplayServer II-DPD

3 1/ 2

The DisplayServer II-DPD is a monochrome NuBus video card that lets a Mac II...

...Card difficult to install. Screen resolution is 80 dpi. Requires Mac Plus or SE. \$1, 495 . Genius Technology, 755 E. 31st St., Hastings, MN 55033. (800) 328-9524 or (612) 437...

...Austin, TX 78705. (800) 950-8411 or (512) 451-2600. (Feb '91)

MagicView 3 1/ 2

This 19-inch monochrome monitor is bright and has fair focus. The phosphor is bluish...

...average. Resolution is 75 dpi. Requires Mac Plus, SE, SE/30, or II series. \$1, 698 . MegaGraphics, 439 Calle San Pablo, Camarillo, CA 93012. (800) 487-6342 or (805) 484-3799. (Apr '90)

Mirror PixelView I 3 1/ 2

This monochrome full-page display system is unique because it can be used with a...

...55113. (800) 654-5294 or (612) 633-4450. (Feb '91)

Mirror ProView/24 4 1/ 2

This 24-bit-color display system combines an Ikegami Trinitron with a 24-bit-video...has good focus. Few screen nuisances. Screen resolution is 72 dpi. Requires Mac SE. \$1, 795 . Moniterm, 5740 Green Circle Dr., Minnetonka, MN 55343. (800) 933-5740 or (612) 935-4151. (Apr '90)

Moniterm Viking 2400 2 1/ 2

This 24-inch monochrome monitor has few screen nuisances. Poor focus and geometry. Optional OCLI antiglare coating. Requires Mac SE. Monitor, \$1, 595 ; monitor with OCLI antiglare treatment, \$1, 995 ; video board, \$495. Moniterm, 5740 Green Circle Dr., Minnetonka, MN 55343. (800) 933-5740 or...

...Screen resolution is 72 dpi. Requires Mac Plus, SE, SE/30, or II series. \$1, 699 . Nutmeg Systems, 25 South Ave., New Canaan, CT 06840. (203) 966-3226. (Apr '90)

PCPC II 16" Color 4 1/ 2

This 24-bit-color display system combines a Sony Trinitron monitor with a 24-bit...

...2888 or (813) 884-3092. (May '91)

PCPC II 21" Color Graphics

System 3 1/ 2

This 21-inch color monitor has a sharp screen image. Eight-bit color is excellent...

...Stepping Out II software included. Skippy documentation. Tilt/swivel stand. Requires Mac II series. \$1, 795 . PCPC (Personal Computer Peripherals Corp.), 4710 Eisenhower Blvd., Bldg. A4, Tampa, FL 33634. (800) 622-2888 or (813) 884-3092. (Oct '89)

Princeton MultiView II 2 1/ 2

The overall performance of this 15-inch-diagonal, monochrome full-page monitor was below average...

...Wall St., Princeton, NJ 08540. (609) 924-1153. (Feb '91)

Radius Color Pivot 4 1/ 2

The Radius Color Pivot is an impressive 15-inch-diagonal full-page color display. It...

...bit color. Video card requires Mac II series, SE/30, or LC. Monitor only, \$1, 995 (for Macs with built-in video); optional video card, \$795; 2-bit card for LC...

...408) 434-1010. (Apr '90) * '86 Eddy

Radius Pivot for Built-in Video

4 1/ 2

The Radius Pivot for Built-in Video is an impressive 15-inch-diagonal full-page...

...swivel stand. Video card requires Mac II series, SE/30, or LC. Monitor only, \$1, 095 (for Macs with built-in video); optional video card, \$695; 2-bit card for LC...tear-off menus and screen capture. Requires Mac SE, SE/30, or II series. \$1, 395 . Radius, Inc., 1710 Fortune Dr., San Jose, CA 95131. (800) 227-2795 or (408) 434-1010. (Apr '90) * '88 Eddy

Radius Two Page Display/21

4 1/ 2

This monitor's high pixel density may not offer perfect WYSIWYG, but it does display...

...lack-of-nuisance ratings above average. Requires Mac SE, SE/30, or II series. \$1, 795 . Radius, Inc., 1710 Fortune Dr., San Jose, CA 95131. (800) 227-2795 or (408) 434...

...95051. (800) 729-2656 or (408) 562-4200. (Apr '90)

RasterOps ColorBoard 264

4 1/ 2

The ColorBoard 264 is a low-cost video board with 32-bit capability and good...

...use a resizable 640-x-480-pixel, 24-bit window. Requires Mac II series. \$1, 295 . RasterOps, 2500 Walsh Ave., Santa Clara, CA 95051. (800) 729-2656 or (408) 562-4200. (July '91) * '90 Eddy

Relax Ikegami Trinitron 3 1/ 2

This 20-inch color monitor is sharp but has annoying flicker and other electronic nuisances...

...CA 94587. (415) 471-6112. (May '90)

Seiko Instruments 14" Color

(CM 1445) 4 1/ 2

This high-quality, 24-bit-color display system combines a Seiko Trinitron monitor with a...

...position/size, horizontal position/size, and vertical/horizontal color convergence. Requires Mac II series. \$1, 644 . Seiko Instruments USA, Inc., 1130 Ringwood Ct., San Jose, CA 95131. (408) 922-5900. (May '91)

Sigma Designs PageView

3 1/ 2

This full-page monochrome display screen offers multiple resolutions of 72,80, and 88 dpi...

...and IIci. Comes with tilt/swivel stand and software. Requires Mac SE or later. \$1, 199 ; monitor only for IIsi and IIci, \$899. Sigma Designs, 46501 Landing Pkwy., Fremont, CA 94538...

...nuisance factors. Horizontal-centering control. Good software. Requires SE, SE/30, or Mac II. \$1, 999 ; with 8-bit card, \$2,399. Sigma Designs, 46501 Landing Pkwy., Fremont, CA 94538. (415...

...card. Hardware pan and zoom. Virtual desktop. Glare protection. Requires Mac II series. Monitor, \$1, 399 ; 8-bit card, \$999. SuperMac Technology, 485 Potrero Ave., Sunnyvale, CA 94086. (408) 245-2202. (Oct '90)

SuperMac (hitachi) 19" 4 1/ 2

This high-quality color display system combines a Hitachi monitor with a Spectrum/24 PDQ...

...Potrero Ave., Sunnyvale, CA 94086. (408) 245-2202. (May '91)
SuperMac (Hitachi) 21"
4 1/ 2

This high-quality color display system combines a Hitachi monitor with a Spectrum/24 PDQ...

...focus. Screen color is uneven with a yellowish center. Screen resolution is 72 dpi. \$1, 695 . Taxam, 161 Nortech Pkwy., San Jose, CA 95134. (408) 946-3400. (...CA 94538. (800) 444-5321 or (415) 683-2226. (Sept '90)

Abaton ProPoint 3 1/ 2

The ProPoint has a click button and a small lock button on the lower left...

...800) 444-5321 or (415) 683-2226. (Oct '89)

Abaton Scan 300/GS 3 1/ 2

This 300-dpi monochrome scanner creates good halftone images. Nice software bundle. Requires Mac Plus or later. \$1, 595 . Abaton (Everex Systems), 48431 Milmont Dr., Fremont, CA 94538. (800) 444-5321 or (415) 683 ...

...2780 or (508) 658-5600. (June '89) * '88 Eddy

Agfa Focus II S800GSE 4 1/ 2

This 8-bit gray-scale-only flatbed scanner has high resolution and intuitive software. Also...

...MA 01887. (800) 227-2780 or (508) 658-5600. (Sept '90)

Apple Scanner 3 1/ 2

The Apple Scanner is not a state of the art unit but is adequate for ...

...System 6.0.3 or later, appropriate SCSI cables, and a hard-disk drive. \$1, 799 . Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014. (800) 776-2333 or (408) 996-1010. (Sept '90)

Asher Engineering quadLYNX

Trackball 3 1/ 2

The quadLYNX Trackball has an encased trackball. Small size makes it easy to control. Requires...

...Atlantic Ave., Alameda CA 94501. (415) 521-3388. (Sept '90)

CalComp DrawingBoard

2300A 4 1/ 2

The CalComp 2300A is a full-featured drawing tablet that lets you resize and reposition...

...92801. (800) 225-2667 or (714) 821-2000. (Oct '89)

Chinon DS-3000 3 1/ 2

This 300-dpi scanner has poor resolvability. Good OCR. Ambient lighting is troublesome. Inexpensive but...

...Ca 90503. (213) 533-0274. (Sept '90)

Complete PC Half-Page

Scanner/400 3 1/ 2

This hand-held scanner has very good resolution. True 400-dpi scans. Excellent OCR. Requires...

...Jose, CA 95131. (800) 634-5558 or (408) 434-0145. (Sept '90)

Felix 3 1/ 2

The Felix is a 5.75-inch-square fixed-base mouse replacement. Space saver but...

...WY 82070. (800) 726-6153 or (307) 745-7538. (Oct '89)

FreeWheel Pointer 3 1/ 2

The FreeWheel Pointer uses a pointer to determine the user's head position by bouncing...

...includes software. Standard keyboard arrangement is located on-screen. Requires Mac Plus or later. \$1, 395 ; ADB adapter for Mac SE, SE/30, and II series, \$150. Pointer Systems, Inc., One...

...drawing but lacks some software features. No built-in capability for using or creating overlay templates . Provides developer stacks for HyperTalk and Pascal. Active area resized through control panel. HyperCard-stack...

...Columbia, MD 21046. (800) 344-4723 or (301) 381-6688. (Oct '89)

HeadMaster 3 1/ 2

The HeadMaster is designed for users who have little or no use of their hands...800) 262-1984 or (216) 262-1984. (Oct '89)

Hewlett-Packard ScanJet Plus

3 1/ 2

This 300-dpi flatbed scanner is fast and easy to use. Excellent, intuitive software. Requires...

...85040. (800) 445-8782 or (602) 276-5533. (oct '89)

Kurta IS/ONE 3 1/ 2

The IS/ONE tablet with Penworks software lets you use a corded or cordless pen...

...800) 445-8782 or (602) 276-5533. (Jan '88)

Logitech ScanMan Model 32

3 1/ 2

This hand-held scanner has poor dither. Scans at up to 400 dpi. Removable internal...

...826-5398 or (818) 998-4200. (Apr '88)

Mac-105 ADB Extended

Keyboard 3 1/ 2

The Mac-105 ADB Extended Keyboard is a good alternative to Apple's Extended Keyboard...

...Willow Rd., Evanston, WY 82930. (307) 789-0582. (Feb '89)

Mach IV Plus 3 1/ 2

The Mach IV Plus has buttons on either side and one atop the joystick. Can...

...Vista, CA 92083. (800) 624-5804 or (619) 598-2518. (Oct '89)

McIntyre 3 1/ 2

McIntyre combines two products: a joystick for people who can't use their hands and...

...Systems, 22809 Shagbark, Birmingham, MI 48010. (313) 645-5090. (Oct 89)

MicroSpeed MacTRAC 3 1/ 2

The MacTRAC has three buttons -- a lock and two clicks -- located above the trackball. Equal...

...94538. (800) 232-7888 or (415) 490-1403. (Oct '89)

Microtek MSF-300GS 3 1/ 2

This 300-dpi scanner has nice software. Can process legal-sized documents. Requires Mac Plus...

...Improved precision for small objects. Must use included mouse pad. ADB version includes NuPaint 1. 0 and requires Mac SE or later. Non-ADB

version, \$99.95; ADB version, \$129.95 94538. (415) 656-1117. (Oct '89)

MouseStick 4 1/ 2

The MouseStick is a joystick with programmable settings. Buttons can be programmed to do mouse...

...Mac II series. For 12-to 14-inch monitor, \$895; for 19-inch monitor, \$1,010 . Information Strategies, Inc., 888 S. Greenville Ave., Ste. 121, Richardson, TX75081. (214) 234-0176. (Oct...

...Innsbruck Dr., Sunnyvale, CA 94089. (408) 734-1006. (Sept '90)

Nikon LS-3500 4 1/ 2

This slide scanner needs friendlier software, but it wins overall for resolution flexibility and for...

...11747. (800) 645-6687 or (516) 547-4200. (Sept '90)

PC Scan 2000 4 1/ 2

The PC Scan 2000 is an 8-bit sheet-fed scanner that saves images in ...

...01 shipping. Requires Mac Plus or later and System 6.0.3 or later. \$1,395 ; bundled with Publish Pac and Recognize! OCR software, \$2,040; Publish Pac software, \$395. DEST...

...very even illumination and 8-bit gray-scale capability. Requires Mac Plus or later. \$1,395 ; bundled with Publish Pac and Recognize! OCR software, \$2,040; Publish Pac software, \$395. DEST...

...San Jose, CA 95131. (408) 436-2700. (Sept '90)

Personal Writer PW 10SL

4 1/ 2

The PW 10SL is a drawing tablet that offers friendly software setup and easy macro...

...CA 90067. (800) 322-4744 or (213) 556-1001. (Oct '89)

Pocket WristMac 4 1/ 2

The Pocket WristMac is a small watch that hooks to your Mac. You can download...

...characters each. Options allow two-way communications. Excellent software. Hard to access data. Version 1. 2 reviewed. Version 2.0 shipping. Requires Mac Plus or later and HyperCard. \$195. Microseeds Publishing...

...Ctr. Dr., Ste. 103, Tampa, FL 33634. (813) 882-8635. (Dec '89)

PowerKey 4 1/ 2

The PowerKey is a well-made add-on device that starts SEs and SE/30s ...

...specified keystroke combination. The actual power-key hardware has four surge-protected sockets. Version 1. 0 reviewed. Requires SE or SE/30. \$99. Sophisticated Circuits, 19017 120th Ave. N.E., Ste. 106, Bothell, WA 98011. (206) 485-7979. (Sept '90)

Sharp JX-100 3 1/ 2

This inexpensive flatbed color scanner is small with good resolvability. Low resolution. Scans to RAM...

...Sharp Plaza, Mahwah, NJ 07430. (201) 529-8200. (Sept '90)

Sharp JX-300 3 1/ 2

This color scanner scans to RAM only. Very realistic color. GPIB interface difficult to figure...

...Scanned images are bit-mapped but can also be saved as PostScript files. Version 1. 0 .5 shipping. Requires Mac Plus or later and ImageWriter or

imageWriter II; requires separate power...

...1166 or (415) 254-6581. (Mar '90) * '85 Eddy
Thunderware Lightning Scan
400 4 1/ 2

This hand-held gray-scale scanner combines good hardware performance and excellent software. Scans at...

...94563. (800) 445-1166 or (415) 254-6581. (Sept '90)
Truvel TZ-3 4 1/ 2

This scanner has up to 900-dpi resolution. Has the ability to resolve 14 line...8943 Fullbright Ave., Chatsworth, CA 91311. (818) 407-1031. (Sept '90)

UMAX UG80 3 1/ 2
This 300-dpi flatbed scanner has excellent resolvability and gray scale. Convenient and easy to...
...of RAM; gray scale requires II series with 8- or 24-bit-video card. \$1, 595 . UMAX Technologies, 2352 Walsh Ave., Santa Clara, CA 95051. (800) 562-0311 or (408) 982...

...06830. (800) 426-7827 or (203) 661-9700. (May '90)
Dataproducts LZR 12601

4 1/ 2
This PostScript laser printer is one of the fastest printers for text and spreadsheets. Versatile...

...800) 626-4686 or (408) 432-1300. (Oct '90)
GCC Business LaserPrinter II
3 1/ 2

The Business LaserPrinter II is a true Adobe PostScript printer with a low price. Its...printing performance, although a bit slow. No PostScript support. Requires Mac Plus or later. \$1, 399 . GCC Technologies, Inc., 580 Winter St., Waltham, MA 02154. (800) 422-7777 or (617) 890-0880. (Mar '90)
* '89 Eddy

GCC Personal LaserPrinter IIS
(PLP IIS) 4 1/ 2
The PLP IIS is a fast QuickDraw printer with high image quality. Sturdy. Its clever...

...a challenge. Has nice bundled software and outline fonts. Can be upgraded to PostScript. \$1, 899 . GCC Technologies, Inc., 580 Winter St., Waltham MA 02154. (800) 422-7777 or (617) 890...

...to be large but also works well with ATM. Performance is very good. Version 1. 01 (driver) shipping. Requires Mac Plus or later and a hard-disk drive. \$699. GCC Technologies...

...Fonts are limited to an optional Graphics Enhancement Cartridge that requires some BASIC programming. \$1, 295 . Hewlett-Packard Co., 19001 Pruneridge Ave., Cupertino, CA 95014 (800) 752-0900 or (408) 725-8900. (Feb '88)

Hewlett-Packard DeskWriter
3 1/ 2
The HP DeskWriter is a QuickDraw printers that doesn't compete with toner-based printers...

...800) 752-0900 or (408) 725-8900. (Nov '90)
Hewlett-Packard LaserJet III
2 1/ 2

This laser printer is too slow for most PostScript printing. Excellent text rendition. Requires LocalTalk...

...800) 752-0900 or (408) 725-8900. (Oct '90)

Hewlett-Packard LaserJet IIP

2 1/ 2

The HP LaserJet IIP, when configured as an Adobe PostScript printer is slow and relatively...

...range with all colored inks in one cartridge. Separate power supply. Requires Mac PrintKit. \$1, 395 ; Mac PrintKit, \$125. Hewlett-Packard Co., 19091 Pruneridge Ave., Cupertino, CA 95014. (800) 752-0900 or (408) 725-8900. (May '90)

Hewlett-Packard Paintjet XL

3 1/ 2

The HP PaintJet XL is a fast inkjet printer with low-resolution QuickDraw (180-dpi...

...CA 95014. (800) 752-0900 or (408) 725-8900. (May '90)

Kodak XL7700 4 1/ 2

The XL7700 continuous-tone color printer creates hard copy that looks as good as the...

...Typesetter 2

This laser printer has compatibility problems. Image quality is not up to 1, 000 -dpi claim. Requires Mac II, \$7,995. Laser-Master Systems, 7150 Shady Oak Rd., Eden...

...St., Torrance, CA 90502. (213) 217-5732. (May '90)

NEC Colormate PS Model 80

4 1 / 2

Offering true PostScript, the Colormate PS Model 80 was the fastest thermal-wax-transfer color...Laurel, NJ 08054. (609) 235-2600. (Mar '91)

QMS ColorScript 100

Model 10 3 1/ 2

The ColorScript 100 Model 10 is the first four-color thermal-wax-transfer PostScript printer...

...523-2696 or (205) 633-4300. (May '91) * '89 Eddy

QMS-PS 410 4 1/ 2

The QMS-PS 410 is a personal Adobe PostScript printer. Although its engine makes it...

...523-2696 or (205) 633-4300. (Mar '91) * '90 Eddy

QMS-PS 810 3 1/ 2

The QMS-PS 810 is an eight-page-per-minute 300-dpi PostScript laser printer...

...36618. (800) 523-2696 or (205) 633-4300. (May '90)

Qume CrystalPrint Express

4 1/ 2

The bargain-priced CrystalPrint Express is the fastest PostScriptclone printer available. Based on a Weitek...

...dpi output quality is good. The printer lacks the ability to read Adobe Type 1 PostScript fonts' built-in hinting; this is less of a problem if horizontal resolution is increased...

...95035. (800) 223-2479 or (409) 942-4000. (June '91)

Qume CrystalPrint Publisher

4 1/ 2

The CrystalPrint Publisher was the first 300-dpi PostScript-clone printer. Based on a RISC...

...Plains, NY 10604. (914) 997-4999. (May '90)

Tektronix 4693DX Color

Image Printer 2 1/ 2

The Tektronix 4693DX Color Image Printer is a 300-dpi color printer that produces bit...fonts. Printing quality varies, depending on the paper and the ink used. Driver version 1. 0 reviewed. Version 1. 3 shipping. Requires Mac Plus or later and a hard-disk drive. \$549. GCC Technologies, Inc...

...1269 or (617) 890-4402. (Aug '90)

Apple Macintosh IIci Logic

Board Upgrade 4 1/ 2

This acceleration option is a significant performance booster over the IIcx but requires 80-nanosecond...

...or (408) 996-1010. (Aug '90)

Apple Macintosh SE/30 Logic

Board Upgrade 4 1/ 2

This acceleration option offers color QuickDraw and stereo sound features. Capability for 8 MB of...

...accelerator options. Requires Mac SE(FDHD upgrade and System 6.0.5 software recommended. \$1, 699 ; FDHD upgrade, \$449. Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014. (800) 776-2333...

...Mac II, IIx, or IIcx; IIcx requires CPU-socket upgrade for soldered-in CPUs. \$1, 699 ; IIcx CPU-socket upgrade, \$49, DayStar Digital Inc., 5556 Atlanta Hwy., Flowery Branch, GA 30542...

...IIx, or IIcx; IIcx requires CPU-socket upgrade for soldered-in CPUs. Without FPU, \$1, 699 ; with FPU, \$1, 999 ; IIcx CPU-socket upgrade, \$49. DayStar Digital, Inc., 5556 Atlanta Hwy., Flowery Branch. GA 30542...

...IIx, or IIcx; IIcx requires CPU-socket upgrade for soldered-in CPUs. Without FPU, \$1, 899 ; with FPU, \$2,199; IIcx CPU-socket upgrade, \$49. DayStar Digital, Inc., 5556 Atlanta Hwy...

...800) 622-7627 or (919) 763-7918. (Aug '90)

Dove MarATHon 030/SE30

3 1/ 2

Simple, small, low-cost. Features 68030 with twice normal SE/30 clock speed. Memory cache...800) 622-7627 or (919) 763-7918. (Aug '90)

iir Cache Card 32 4 1/ 2

The iir Cache Card 32 is half-height cache card that fits into the Mac...

...Cumming, GA 30130. (404) 781-8643. (June '91)

MacProducts '030

Railgun-25 MHz 3 1/ 2

This accelerator has the same basic design as the Novy Quik 30/Plus-33MHz. Limited...

...678-3726 or (316) 685-4904. (Aug '90)

Novy Systems

Quik30/Plus-33MHz 3 1/ 2

This accelerator gives Mac 512Ke. Plus, and SE owners IIci throughput. Requires Mac 512Ke, Plus, or SE. With 16-MHz FPU, \$1, 294 ; without FPU, \$1, 195 . Novy Systems, 1862 Fern Palm Dr., Edgewater, FL 32141. (904) 417-2358. (Aug '90)

Orchid...

...money. There's a control panel that disables cache for incompatible software. Versions 2.1 shipping . Requires Mac II. \$299. Orchid Technology, 45365 Northport Loop W., Fremont, CA 94538. (800) 767-2443 or (415) 683-0300. (Aug '90)

Radius Accelerator 16 SE
4 1/ 2
The Radius Accelerator 15 SE is simple to install. Easy configuration via control panel or...

...800) 227-2795 or (408) 434-1010. Aug '90)
Radius Accelerator 25 SE
4 1/ 2
The Radius Accelerator 25 SE has a 68882 FPU for fast number crunching. Easy configuration via control panel or dialog box. Requires Mac SE. \$1, 295 . Radius, Inc., 1710 Fortune Dr., San Jose, CA 95131. (800) 227-2795 or (408) 434...

...from AutoCAD 10c5 and VersaCAD 2.2. Benefits best realized with Radius monitors. Version 1. 0 (ROM) and 1. 1 . 1 (software) shipping. Requires Mac II series. \$1, 495 . Radius, Inc., 1710 Fortune Dr., San Jose, CA 95131. (800) 227-2795 or (408) 434...

...mode. INIT provided enables proper floppy operation. Requires Mac II or IIX. Without FPU, \$1, 799 ; with FPU, \$1, 999 . Siclone Sales and Engineering, 1072 Saratoga-Sunnyvale Rd., Bldg. A-107, Ste. 443, San Jose ...past that of a IICI. Requires Mac 128K, 512K, Plus, or SE. Plus version, \$1, 895 ; Plus version with FPU, \$2,395; SE version, \$1, 695 . Total Systems, 99W. 10th Ave., Ste. 333, Eugene, OR 97401. (800) 874-2288 or (503) ...

...800) 874-2288 or (503) 345-7395. (June '91)
UR Micro MacCache 64 4 1/ 2
The MacCache 64 is a full-height cache card that fits into the IICI's ...

...800) 876-4276 or (716) 689-1600. (June ;91)
UR Micro MacCache LP32
4 1/ 2
The MacCache LP32 is a half-height cache card that fits into the IICI's...

...the Apple logo and its dealer network, you may not mind the high price. \$1, 299 . Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014. (800) 776-2333 or (408) 996-1010. (Apr '91)
Apple Hard Disk 80SC 4 1/ 2
The Hard Disk 80SC is a superbly designed and well-built 80-MB unit. Noisy. Runs warm. Automatic head parking. Zero footprint. Requires Mac Plus or later. \$1, 799 . Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014. (800) 776-2333 or (408) 996-1010. (Feb '90)
Apple PC 5.25 Drive 3 1/ 2
The Apple PC 5.25 Drive can read 5.25-inch DOS floppy disks. Unlike ...

...CA 95014. (800) 776-2333 or (408) 996-1010. (Oct '89)
AppleCD SC 3 1/ 2
This is the drive that started it all for Mac CD-ROM. Although expensive, it...

...800) 776-2333 or (408) 996-1010. (June '91)
Applied Engineering
MacRAM Portable 4 1/ 2
The MacRAM Portable is the first memory-expansion card for the Mac Portable. The card can hold from 1 to 8 MB of RAM and creates little additional drain on the battery, so you can...

...Mac during installation. The most versatile way to upgrade memory in a

Mac Portable. 1- MB Mac Portable, \$399; each additional SIMM, \$350.
Applied Engineering, 3210 Belt Line Rd., Dallas, TX 75234. (214) 241-6060.
(Mar '91)

APS 1 Gigabyte 4

The APS 1 Gigabyte hard-disk drive has an actual capacity of 988 MB
and an average seek time...

...Based on the Seagate ST41200NM mechanism. Provides good performance with
the Alliance Power Tools 1. 18 SCSI driver. SCSI-ID selection is via DIP
switch, and SCSI termination uses an external...

...233-7550 or (816) 478-8300. (July '91)

APS 40 MB Hard Drive 3 1/ 2

The APS 40 MB is a 40-MB external SCSI hard-disk drive based on...
British Columbia V5J5B6, Canada. (604) 434-7274. (Apr '91)

ATTO SiliconDisk Pro 24

4 1/ 2

SiliconDisk Pro 24 is a large, high-performance, dedicated RAM disk
with access times 300...

...92715. (714) 222-6000. (Feb '91)

CMS PD1000S 4

The CMS PD1000S is a 1- gigabyte expensive hard-disk drive with an
actual capacity of 886 MB. Has an average seek...

...the Micropolis 1598-15 mechanism. Provides good performance with the CMS
Utility 6.0.1 SCSI driver. SCSI-ID selection is via external button, and
SCSI termination uses an external plug...

...Dr., Irvine, CA 92715. (714) 222-6000. (July '91)

CMS Platinum 40 MB 3 1/ 2

The CMS Platinum 40 MB is a 40-MB external SCSI hard-disk drive based
...

...t match SyQuest drives' speed, however. Corel provides only basic
documentation and little software. \$1, 295 . Corel Systems, 1600 Carling
Ave., #190, Ottawa, Ontario K1Z8R7, Canada. (613) 728-8200. (Feb '91)

Cranel 330MB 3 1/ 2

The Cranel 330MB is a hard drive with an actual capacity of 321 MB.
Average...

...Worthington, OH 43085. (800) 288-375 or (614) 433-0045. (Dec '90)

CubeFloppy 3 1/ 2

The CubeFloppy is a compact 3.5-inch floppy drive that can be used
with...

...via NeXT's Shell. Some UNIX knowledge required. Good manual. Reads DOS
720K and 1. 4 -MB disks -- doesn't read or write Mac-formatted disks.
Software can translate files being transferred and also format DOS disks.
Version 1. 4 reviewed. Version 2.9 shipping. Requires NeXT computer. With
software, \$595; software only, \$250. Digital...

...Los Alamos, NM 87544. (505) 662-1482. (Oct '90)

Cutting Edge 40 MB 3 1/ 2

The Cutting Edge 40 MB is a 40-MB external SCSI hard-disk drive based
...standard. It becomes with a cartridge that has a capacity of about 44
MB. \$1, 139 . Cutting Edge, 97 S. Red Willow Rd., Evanston, WY 82930. (307)
789-0582. (Feb '91...

...Westlake Village, CA 91362. (818) 879-2700. (Feb '91)

Data Enhancements ProDisc

PD1040 4 1/ 2

The ProDisc PD1040 (formerly called the Heart HD 1040) is a fast zero-footprint 40...

...Requires NeXT computer. 5.25-inch drive, \$750; 3.5-inch drive, \$850; both, \$1, 105 , Dayna Communications, Inc., 50 S. Main St., Salt Lake City, UT 84144. (801) 531-0600...

...441-1240. (Apr '91)

Deltaic Server 1G 3

The Deltaic Servier 1G is a 1- gigabyte hard-disk drive with an actual capacity of 990 MB. Has an average seek time...

...95112. (800) 745-1240 or (408) 441-1240. (July '91)

Deltaic Server 300Q 3 1/ 2

Deltaic Servier 300Q is a 326-MB hard-disk drive with short seek times. Average throughput performance. Requires Mac Plus or later. \$1, 899 . Deltaic Systems, 1701 Junction Ct., Ste. 302B, San Jose, CA 95112. (800) 745-1240 or (408) 441-1240. (Dec '90)

Deltaic System OptiServer

600 3 1/ 2

The Deltaic Systems OptiServer 600 is an erasable optical drive with software that maps out...

...95112. (800) 745-1240 or (408) 441-1240. (Nov '90)

Denon DRD-253 2 1/ 2

This CD-ROM drive has ponderous performance and lags far behind most other drives. The...

...800) 825-1850 or (408) 945-1850. (Feb '91)

Ehman 45 MB Removable

3 1/ 2

This SyQuest removable-cartridge drive is well built, is reasonably priced, and offers good performance...82930. (800) 257-1666 or (307) 789-3830. (Apr '91)

EMAC Metro 40 4 1/ 2

The well-designed EMAC Metro 40 is a 40-MB external SCSI hard-disk drive...

...CA 94538. (800) 821-0806 or (415) 498-1111. (June '91)

FastBack Tape 4 1/ 2

The FastBack Tape package includes an FB 120 tape drive (128-MB capacity), FastBack II...

...be hard-pressed to find a more polished product. Requires Mac Plus or later. \$1, 395 . Fifth Generation Systems, 10049 N. Reiger Rd., Baton Rouge, LA 70809. (800) 873-4384 or (504) 291-7221. (July '90)

FWB Hammer 300 4 1/ 2

The FWB Hammer 300 is a hard-disk drive with an actual capacity of 323...

...474-8055. (Dec '90)

FWB Hammer 1000 3

The FWB Hammer 1000 is a 1- gigabyte hard-disk drive with an actual capacity of 988 MB. Has an average seek time...

...15 milliseconds. Based on the Seagate ST41200NM mechanism. Provides good performance with the Hammer 1. 4 SCSI driver. SCSI-ID selection is via external button, and SCSI termination uses an external...

...215, San Francisco, CA 94109. (415) 474-8055. (July '91)

FWB HammerDisk 600S

4 1/ 2

The Sony-based FWB HammerDisk 600S erasable optical drive is very

fast. Software overrides copy...

...Ste. 215, San Francisco, CA 94109. (415) 474-8055. (Nov '90)

FWB PocketHammer50 4 1/ 2

The well-designed FWB PocketHammer50 is a 50-MB external SCSI hard drive based on...

...215, San Francisco, CA 94109. (415) 474-8055. (Apr '91)

GCC UltraDrive 30 4 1/ 2

The GCC UltraDrive 30 comes with lots of useful software. Unusually informative manual. Zero-footprint...

...02154. (800) 422-7777 or (617) 890-0880. (Feb '90)

GCC UltraDrive 40S 4 1/ 2

The well-designed GCC UltraDrive 40S is a 40-MB external SCSI hard-disk drive...

...422-7777 or (617) 890-0880. (Dec '90)

Hard Drives International

CD-ROM 3 1/ 2

An inexpensive CD-ROM drive with good data performance. No preamp audio output and limited...

...767-3475 or (602) 967-4999. (June '91)

Hard Drives International

POWERDrive 320 3 1/ 2

The HDI POWERDrive 320 is an inexpensive hard-disk drive with an actual capacity of 330 MB. Average seek times and throughput. Requires Mac Plus or later. \$1, 449 . Hard Drives International, 1912 W. Fourth St., Tempe, AZ 85281. (800) 767-3475 or (602) 967-4999. (Dec '90)

Hard Drives International

POWERDrive 44 Removable

3 1/ 2

This SyQuest ...767-3475 or (602) 967-4999. (Feb '91)

Hard Drives International

POWERDrive 1050EMC 3 1/ 2

The POWERDrive 1050EMC is a 1- gigabyte hard-disk drive with an actual capacity of 990 MB. Has an average seek time...

...852821. (800) 767-3475 or (602) 967-4999. (July '91)

iDS Pro 20 3 1/ 2

The PRO 20 is a compact 20-MB hard-disk drive. Operation is very quiet...

...CA 95131. (800) 733-0078 or (408) 752-2952. (Feb '90)

iDS VPS340 3 1/ 2

The iDS VPS340 is a compact hard-disk drive with an actual capacity of 330...

...95131. (800) 733-0078 or (408) 752-2952. (Apr '91)

Iomega Transportable 44

4 1/ 2

For maximum reliability in a removable-cartridge drive -- albeit with a high price, heavy weight...

...if you share data with many other users, a SyQuest drive might be preferable. \$1, 399 . Iomega Corp., 1821 W. 4000 S., Roy, UT 84067. (800) 456-5522 or (801) 778-1000. (Feb '91)

Jasmine DirectDrive 40 3 1/ 2

The low-priced DirectDrive 40 is a 40-MB external SCSI hard-disk drive based...

...800) 347-3228 or (408) 752-2900. (Apr '91)
Kennect Drive 2.4 4 1/ 2
The Drive 2.4 is a connector/drive combination when used with the
Rapport connector...

...1232 or (408) 370-2866. (Feb '90)
La Cie 1000 MB ZFP Plus 3 1/ 2
The La Cie 1000 MB ZFP Plus is a 1- gigabyte hard-disk drive with an
actual capacity of 988 MB. Has an average seek time...

...800) 999-0143 or (503) 691-0771. (Nov '90)
La Cie Cirrus 84 4 1/ 2
The Cirrus 84 is a sleek, quiet 84-MB hard-disk drive. Five-year
warranty...800) 999-0143 or (503) 691-0771. (Feb '90)
La Cie Tsunami 50 4 1/ 2
The well-designed La Cie Tsunami 50 is an external, 50-MB SCSI
hard-disk...

...Utilities for the Macintosh. Internal SCSI termination. Good support.
Requires Mac Plus or later. \$1, 999 . La Cie Ltd., 19522 S.W. 90th Ct.,
Tualatin, OR 97062. (800) 999-0143 or (503) 691-0771. (Dec '90)
Liberty 40 4 1/ 2
The well-designed Liberty 40 MB is a 40-MB external SCSI hard-disk
drive...

...16, Santa Clara, CA 95051. (408) 983-1127. (Apr '91)
MacAvenue Protege 40 4 1/ 2
The well-designed MacAvenue Protege 40 is a 40-MB external SCSI
hard-disk drive...

...Tempe, AZ 85282. (800) 333-3353 or (602) 820-5802. (Apr '91)
MacLand Imprimis 1. 2
Gigabyte 4
The MacLand Imprimis 1. 2 Gigabyte is a hard-disk drive with an
actual capacity of 988 MB. Has an...

...Tempe, AZ 85282. (800) 333-3353 or (602) 820-5802. (Feb '91)
MacProducts Magic
1. 2 Gigabyte HD 4
The MacProducts Magic 1. 2 Gigabyte HD is a hard-disk drive with an
actual capacity of 988 MB. Has...

...Austin, TX78759. (800) 622-3475 or (512) 343-9441. (July '91)
MacProducts Magic 40MB 1 1 / 2
The Magic 40MB is a 40-MB external SCSI hard-disk drive based on the
...Feb '91)
MacTel HD Index Gigabyte
4
The MacTel HD Index Gigabyte is a 1- gigabyte hard drive with an
actual capacity of 988 MB. Average seek time is 15 milliseconds. Based on
the Seagate ST41200NM mechanism. Gives good performance with the HD
Chauffeur 1. 3 SCSI driver. Software has partitioning,
password-protection, backup, and data-encryption capabilities. SCSI-ID
selection...

...78705. (800) 950-8411 or (512) 451-2600. (July '91)
MacTel Index 40MB 3 1/ 2
The MacTel Index 40MB is a 40-MB external SCSI hard-disk drive based
on...

...Ln., Boulder, CO 80303. (800) 338-4273. (Apr '91)
MacTown DataStor

DS44/25MR 2 1/ 2

This SyQuest removable-cartridge drive has rudimentary documentation and software but has a quiet fan...

...Boulder, CO 80303. (800) 338-4273. (Feb '91)

MacTown DataStor

HM1.2/15M 4 1/ 2

The MacTown DataStor HM1.2/15M is a fast 1- gigabyte hard-disk drive with an actual capacity of 990 MB. Has an average seek time...

...milliseconds. Based on the Seagate ST41200NM mechanism. Provides very good performance with the StorageWare 1. 3b13 SCSI driver. Software provides backup and partitioning capabilities. SCSI-ID selection is via external button...

...Has two switched AC outlets and internal SCSI termination. Expensive for a SyQuest drive. \$1, 199 . Mass Microsystems, Inc., 810 W. Maude Ave., Sunnyvale, CA 94086. (800) 522-7979 or (408...

...Mason, Irvine. CA 92718. (714) 837-6033. (Apr '91)

MicroNet Micro lli-620 4 1/ 2

The Micro Ili-620 is a fast, 600-MB internal hard-disk drive for the

...

...Mason, Irvine, Ca 92718. (714) 837-6033. (Aug '89)

MicroNet Micro/Optical

SB-SMO-1 4

The MicroNet Micro/Optical SB-SMO-1 is a fast erasable optical drive. Can turn off data verification while writing to the disc...

...SCSI-ID selection and SCSI termination are external. With cartridge \$995; with Retrospect Remote, \$1, 195 . MicroNet Technology, Inc., 20 Mason, Irvine, Ca 92718. (714) 837-6033. (Feb. '91)

MicroNet MS...

...Outstanding software. Slow. Strong case. Excellent service and support. Requires Mac Plus or later. \$1, 095 . MicroNet ...20 Mason, Irvine, CA 92718. (714) 837-6033. (May '90)

MicroNet SB-1000NP 4 1/ 2

The MicroNet SB-1000NP is a fast 1- gigabyte hard-disk drive with an actual capacity of 987 MB. Has an average seek time...

...20 Mason, Irvine, CA 92718. (714) 837-6033. (July '91)

MicroNet SBT-1288NP 4 1/ 2

The MicroNet SBT-1288NP is a very fast 1- gigabyte hard-disk drive with an actual capacity of 1, 266 MB. Has an average seek time of 13 milliseconds. Based on a pair of Seagate...

...06512. (800) 626-4276 or (203) 468-6223. (June '91)

Microtech Europa 40 4 1/ 2

The elegant Microtech Europa 40 is a 40-MB external SCSI hard-disk drive based...

...468-6223. (Apr '91)

Microtech MicroKCN N1000

4

The Microtech MicroKCN N1000 is a 1- gigabyte hard-disk drive with an actual capacity of 988 MB. Has an average seek time...

...among Ricoh mechanisms. It comes with a cartridge and excellent utilities and formatting software. \$1, 299 . Microtech International, Inc., 158 Commerce St., East Haven, CT 06512. (800) 626-4276 or (203) 468-6223. (Feb '91)

Mirror CD-ROM 4 1/ 2

This solidly built CD-ROM drive offers good performance. Has good audio software, but volume...

...MN 55113. (800) 654-5294 or (612) 633-4450. (Apr '91)

Mirror MP290 3 1/ 2

The Mirror MP290 is a 291-MB hard-disk drive. Long seek times and low throughput rate. Large case. Requires Mac Plus or later. \$1, 497 . Mirror Technologies, Inc., 2644 Patton Rd., Roseville, MN 55113. (800) 654-5294 or (612) 633...800) 262-3261 or (408) 374-83000. (Nov. '90)

Ocean Totem IV 44MB 3 1/ 2

This magnetic-disk-cartridge drive uses the popular Bernoulli flexible-media technology and has a...

...t let the drive spin for hours or days at a time. With cartridge, \$1, 350 ; Totem IIID dual, \$2,350. Ocean Microsystems, 246 E. Hacienda Ave., Campbell, CA 95008. (800...

...347-2664 or (408) 376-3511. (June '91)

Optical Access International

CM 231 3 1/ 2

This CD-ROM drive is well built and has good audio features but also a...

...SCSI-ID selection is done via DIP switch. External SCSI termination. Two-year warranty. \$1, 049 . Optical Access International, 800 W. Cummings Pk., Ste. 2050, Woburn, MA 01801. (800) 433-5133...

...937-3910. (June '91)

Optima Concorde 1050 4

The Optima Concorde 1050 is a 1- gigabyte hard-disk drive with an actual capacity of 988 MB. Average seek time of 15...

...Based on the Seagate ST41200 NM mechanism. Provides good performance with the DiskInit 2.1 SCSI driver. Software has partitioning, password-protection, and file-recovery capabilities. SCSI-ID selection is via...

...Von Karman, Irvine, CA 92714. (714) 476-0515. (Dec '90)

PCPC MacBottom 50MB

4 1/ 2

The well-designed, inexpensive MacBottom 50MB is a 50-MB external SCSI hard-disk drive...

...33634. (800) 622-2888 or (813) 884-3092. (Apr '91)

Pinnacle REO-650 3 1/ 2

The Pinnacle REO-650 is an erasable optical drive with average speed. A/UX option...

...The PLI Infinity Optical is a fast erasable optical drive. A/UX option allows 1, 024 -byte-sector discs. Includes TurboSpool print spooler and a vertical stand. Requires Mac Plus or...

...Fremont, CA 94538. (800) 288-8754 or (415) 657-2211. (Nov '90)

PLI PL 1. 2 Gigabyte 4

The PLI PL 1. 2 Gigabyte is a hard-disk drive with an actual capacity of 990 MB. Has an...800) 288-8754 or (415) 657-2211. (Apr '91)

PLI PL CD-ROM 4 1/ 2

This solidly built, expensive CD-ROM drive provides good performance. SCSI-ID selection is done...

...3

The PM1.44 Floppy Drive is used with NeXT computers. Can read Mac 1. 4 - MB disks. Can read and write DOS-and UNIX-formatted disks, but UNIX

disks must be...

...Requires NeXT computer. \$395. Pacific Micro-electronics, 201 San Antonio Cir., Ste. C250, Mountain View, CA 94040. (800) 628-3475 or (415) 948-6200. (Oct '90)

Procom MCD 650 3 1/ 2

This solidly built CD-ROM drive has good performance, but volume control is limited and...

...drive. Average seek times and throughout. Switched power center. Requires Mac Plus or later. \$1, 279 . Relax Technology, Inc., 3101 Whipple Rd., Ste. 22, Union City, CA 94587. (415) 471-6112. (Dec '90)

Relax Hard Plus 1. 0 Gigabyte
3 1/ 2

The Relax Hard Plus 1. 0 Gigabyte is an inexpensive hard-disk drive with an actual capacity of 1, 000 MB. Has an average seek time of 15 milliseconds. Based on the Seagate ST41200NM mechanism. Provides good performance with the Relax 1. 10 SCSI driver. Software provides password-protection, encryption, and backup functions. SCSI-ID selection is via...

...22, Union City, CA 94587. (415) 471-6112. (July '91)

Relax Mobile 42 3 1/ 2

The Mobile 42 is a SyQuest removable-cartridge drive with an auto-switching power supply...

...Union City, CA 94587. (415) 471-6112. (Feb '91)

Relax Optical 600 Plus 3 1/ 2

The Relax Optical 600 Plus is an erasable optical drive with built-in power control...

...Union City, CA 94587. (415) 471-6112. (Nov '90)

Relax/Pioneer DRM-600 3 1/ 2

This expensive CD-ROM drive can hold six discs and is well built. Its performance...

...33487. (800) 688-9390 or (407) 994-5585. (Dec '90)

Rodime Cobra 1000e 3 1/ 2

The Rodime Cobra 1000e is a 1- gigabyte hard-disk drive with an actual capacity of 990 MB. Has an average seek time...

...15 milliseconds. Based on the Seagate ST41200NM mechanism. Provides good performance with the Cobra 1. 1 . 3 SCSI driver. SCSI-ID selection is via external DIP switches. Internal SCSI termination. Includes Redux...

...33487. (800) 688-9390 or (407) 994-5585. (July '91)

Rodime R45 Plus 2 1/ 2

This SyQuest removable-cartridge drive lacks software features and has a high list price, but 1, 399 . Rodime Systems, Inc., 901 Broken Sound Pkwy. N.W., Boca Raton, FL 33487. (800) 688-9390 or (407) 994-5585. (Feb '91)

Ruby StarDrive 40DX 3 1/ 2

The Ruby StarDrive 40DX is a 40-MB external SCSI hard-disk drive based on...

...July '90)

Storage Dimensions

MacinStor 1020-S1 4

The MacinStor 1020-S1 is a 1- gigabyte hard-disk drive with an actual capacity of 999 MB. Has an average seek time...

...CA 95125. (408) 879-0300. (July '91)

Storage Dimensions

MacinStor MCE 880-HC1

4 1/ 2

The MacinStor MCE 880-HC1 is one of the fastest erasable optical drives for reading data. Unique format of its 1- gigabyte discs can't be read by other manufacturers' drives. Can format, read, write, and erase...

...San Jose, CA 95131. (408) 453-5744. (Nov '90)

Sumo SSER 50 Removable

3 1/ 2

Because it uses Ricoh's new magnetic-disk-cartridge technology, this drive offers a potentially...

...Sumo SSER 50 Removable supports A/UX partitions and is bundled with Retrospect software. \$1, 300 . Sumo Systems, 1580 Old Oakland Rd., Ste. C-103, San Jose, CA 95131. (408) 453-5744. (Feb '91)

SuperMac DataFrame XP330

3 1/ 2

The SuperMac DataFrame XP330 is a 322-MB hard-disk drive. Offers slow seek times...94086. (800) 348-3935 or (408) 736-1374. (June '91)

Third Wave 45R 3 1/ 2

The Third Wave 45R is a SyQuest removable-cartridge drive with an auto-switching power...

...connectors are 25-pin, not the more conventional 50-pin. \$529. Total Peripherals, Inc., 1 Brigham St., Marlboro, MA 01725. (508) 460-0764. (Apr '91)

Total Peripherals TP-44R 3

The...

...noisy fan. Performance is above average, but documentation is rudimentary. \$799. Total Peripherals, Inc., 1 Brigham St., Marlboro, MA 01752. (508) 460-0764. (Feb '91)

Tulin A-Hive Hard Drive 4

The Tulin A-Hive Hard Drive is a 1- gigabyte hard-disk drive with an actual capacity of 990 MB. Has an average seek time...

...seconds. Based on the Micropolis 1598-15 mechanism. Provides good performance with the DataWare 1. 3b13 SCSI driver. Software provides user-selectable-interleave and partitioning capabilities. SCSI-ID selection is via...

...Toole Ave., San Jose, CA 95131. (408) 432--9025. (July '91)

Univation Q50 2 1/ 2

Because it uses Ricoh's new magnetic-disk-cartridge technology, this drive offers a potentially...

...cable is stressed because of poor positioning. Performance is slow, even for Ricoh drives. \$1, 395 . Univation, 600 Valley Way, Milpitas, CA 95035. (408) 263-1200. (Feb '91)

Western Digital Preference

40AP 2 1/ 2

The Preference 40AP is a 40-MB external SCSI hard-disk drive based on Western...

...55344. (612) 949-2388. (Nov '90)

HYPERMEDIA

101 Scripts and Buttons for

HyperCard 3 1/ 2

101 Scripts and Buttons for HyperCard is a collection of scripts, buttons, fields, graphics, utilities, XCMDs, XFCNs, icons, cursors, and more for creating HyperCard stacks. Version 1. 1 reviewed . Requires Mac Plus Plus or later, HyperCard, and a hard-disk drive. \$49.95. Individual

...

...time XCMDs are included and can be distributed royalty-free. Not for beginners. Version 1. 0 reviewed. Requires HyperCard 2.0. \$295. Motion Works, Inc., 1334 W. Sixth Ave., Ste. 300 4, Mutate version 1. 0 reviewed. Authenticate, version 2.4, Mutate version 1. 0 shipping. Requires HyperCard 1. 2 or later or 4th Dimension. \$125. SoftStream International, Inc., 19 White Chapel Dr., Mount Laurel...

...and demoware. Categories include business, education, games, fonts, and Mac II-specific products. Version 1. 0 reviewed. Version Volume II shipping. Requires Mac Plus or later and a CD-ROM drive...

...Discovery Blvd., Dublin, OH 43017. (614) 761-4133. (July '89)

ClubMac CD-ROMs 3 1/ 2

The ClubMac CD-ROMs each contain 430 to 500 MB of software, including DAs, sounds...

...Mac's Dialog Manager is available. Greatly improves appearance and functionality of stacks. Version 1. 02 reviewed. Version 2.0 shipping. Requires Mac Plus or later, System 6.0.5 or...

...electronic bulletin-board system. Version 3.0 reviewed. Version 5.0 shipping. Requires HyperCard 1. 2 or later. \$199 (two-disc set). Educorp Computer Services, 7434 Trade St., San Diego, CA...

...or digitized sound resources. Easy to implement for those who know HyperCard well. Version 1. 0 reviewed. Version 1. 5 .2 shipping. Requires Mac Plus or later and HyperCard. \$199.95. Bright Star Technology, Inc...

...S.E., Ste. 200, Bellevue, WA 98004. (206) 451-3697. (Feb '89)

HyperBASIC 3 1/ 2

HyperBASIC is a stand-alone XCMD-compiler application. You must be able to program in...

...manual is poor. This is not a good system for HyperCard XCMD creation. Version 1. 05 reviewed. Version 1. 20 shipping. Requires Mac Plus or later, HyperCard 1. 2 .1 or later, and a hard-disk drive. \$199. Teknosys, Inc., 3923 Coconut Palm Dr., Ste. 111, Tampa, FL 33619. (800) 873-3494 or (813) 620-3494. (May '90)

HyperCard 4 1/ 2

With the exception of the lack of support for color and object graphics, HyperCard 2...

...stack can now be open at a time. Version 2.0 reviewed. Version 2.1 shipping. Requires Mac Plus or later and System 6.0.5 (hard-disk drive and 2...

...via a DA. Lets 512K Macs access stackware. Doesn't support global variables. Version 1. 2 .2 reviewed. Version 2.0 shipping. Requires Mac 512K or later. \$129; upgrade, \$29. Symmetry...

...Scottsdale, AZ 85258. (800) 624-2485 or (602) 998-9106. (May '88)

HyperHIT 3 1/ 2

HyperHIT is a set of HyperCard XFCNs and XCMDs that lets you build database applications...

...many powerful functions and tools. HyperTalk experience is required. Results can be slow. Version 1. 1 . reviewed. Version 3.0 shipping. Requires Mac Plus or later and HyperCard. \$195.95 plus license...

...Laurel, NJ 08054. (800) 262-6610 or (609) 866-1187. (Jan '90)

HyperTMON 3 1/ 2

HyperTMON is the first true HyperTalk debugger. This XCMD is good but

needs some work...

...and has a few command incompatibilities. Was not tested with HyperCard 2.0. Version 1. 0 reviewed. Requires Mac Plus or later and HyperCard. \$99.95. ICOM Simulations, Inc., 648 S. Wheeling Rd., Wheeling, IL 60090. (708) 520-4440. (Apr '90)

HyperTutor 4 1/ 2

HyperTutor is a stack that teaches HyperTalk, HyperCard's programming language. Uses an interactive Test...

...good for both beginners and advanced programmers. Not tested with HyperCard 2.0. Version 1. 12 reviewed. Requires Mac Plus or later and HyperCard 1. 1 or later (hard-disk drive recommended). \$49.95. Power Up Software Corp., 2929 Campus Dr., San Carlos, CA 95050. Reviews software, applications, hardware, and consumer advice. Version 1 reviewed. Requires Mac Plus or later with external 800K floppy drive (hard-disk drive recommended), and...

...8008 Shoal Creek Blvd., Austin, TX 78758. (512) 467-4550. (Mar '89)

MindLink 3 1/ 2

MindLink is a HyperCard-based idea processor. It leads you through a structure procedure that...

...answers by prompting you with questions. Performance can be frustrating. HyperCard is bundled. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac Plus or later and a hard-disk drive...

...O. Box 247, North Pomfret, VT 05053. (802) 457-2025. (May '90)

Nutrition 3 1/ 2

Nutrition is a HyperCard-stack nutritional record keeper. The nutritional database needs more information, and...

...2.09 shipping. Requires Mac Plus or later with hard-disk drive and HyperCard 1. 2 or later, \$79. Big Byte Software, 25 Blake St, Needham, MA 02192. (617) 444-3028. (Apr '90)

Nuts & HyperBolts 3 1/ 2

Nuts & HyperBolts is a series of large HyperCard stacks for improving your grammar. Works with...

...43325, Austin, TX 78745-0009. (512) 280-2431. (Aug '90)

Reports 2.0 4 1/ 2

Reports 2.0 fills the gap left by HyperCard's limited report-generation ability by...

...Boulder, CO 80301. (800) 292-5825 or (303) 443-4104. (June '91)

Reunion 4 1/ 2

Reunion is a good genealogy program. HyperCard-based. Supports GEDCOM. Includes space for adding digitized...

...a birthday file. A complex program with an excellent manual. Easy to use. Version 1. 5 reviewed. Version 2.0 shipping. Requires Mac Plus or later, System 6.0.4 or...

...from different stacks. Makes stack creation easier and more convenient than previously possible. Version 1. 0 reviewed. Version 1. 1 shipping. Requires Mac Plus or later. \$79. Somak Software, Inc., 535 Encinitas Blvd., Ste. 113, Encinitas...

...Feb '90)

ScriptExpert 4

ScriptExpert is the HyperTalk helper for constructing HyperCard scripts. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac Plus or later and HyperCard 1. 2 .5 or 2.0 (package includes software for both versions). \$99.95. Hyperpress Publishing Corp...

...it from any dedicated animation or presentation product. Development environment has improved significantly. Version 1. 5 shipping. Requires Mac Plus or later and System 6.0.4 or later (2 MB...

...or (206) 628-2320. (Dec '90)

Time Table of History:

Science and Innovation 3 1/ 2

Time Table of History: Science and Innovation presents events from the history of technology on...

...and sound are nicely integrated, and related events are well linked. Includes HyperCard. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac Plus or later, HyperCard 1. 2 .5 or later, and a CD-ROM drive. \$185. Xiphias, 8758 Venice Blvd., Los Angeles...

...MPW and Lightspeed), and FORTRAN (MPW) for each of the 40 XCMDs. Includes HyperCard 1. 1 . 1 . Version 1. 1 . 1 shipping . Requires Mac Plus or later, System 6.0.3 or later, and a hard-disk...

...Its only drawbacks are those inherent in HyperCard. Version 2.0 reviewed. Version 2.1 shipping . Requires Mac Plus or later, HyperCard 2.0, and a hard-disk drive. \$24.95...

...377 Collado Dr., Scotts Valley, CA 95066. (408) 438-5791. (Apr '90)

XCAL 3 1/ 2

XCAL is a set of HyperCard externals that add calculation and spreadsheet like ...CA 94025. (415) 688-0600. (Oct '90) * '89 Eddy

Computer Friends ColorSnap

32+ 4 1/ 2

The Computer Friends ColorSnap 32+ is a NuBus card that digitizes single frames of video...

...800) 547-3303 or (503) 626-2291. (July '91)

E-Machines QuickView Studio

3 1/ 2

The Quick View Studio is a NuBus card that sequentially digitizes multiple frames of video...

...precisely registered frames animation. Also, the interface seems incomplete and awkward. Version 2.0.1 reviewd . Requires Mac II series with 5 MB of RAM, a hard-disk drive, and 32...

...text input and Macin Talk or by synchronizing sounds from Farallon's MacRecorder. Version 1. 0 reviewed. Requires Mac Plus or later with 2 MB of RAM. \$499.95. Bright Star...

...Ste. 200, Bellevue, WA 98004. (206) 451-3697. (Feb '91)

MacRecorder Sound System

4 1/ 2

The MacRecorder is an audio digitizer that can add sounds to your system, animations, or...

...Version 2.0.3 shipping. Requires Mac Plus or later; HyperSound Toolkit requires HyperCard 1. 2 .1 or later. \$249. Farallon Computing, Inc., 2000 Powekk St., Ste. 600, Emeryville, CA 94608. (415) 596...

...4

MacroMind Accelerator compiles MacroMind Director movies to make them run more smoothly. Version 1. 0 reviewed. Version 2.01 shipping. Requires MacroMind Director (hard-disk drive recommended). \$195; upgrade from Version 1. 0 (Video Works accelerator), \$50. MacroMind, Inc., 410 Townsend

St., Ste. 408, San Francisco, CA 94107. (415) 442-0200. (Dec '88)
MacroMind Director 4 1/ 2
MacroMind Directors is unequaled for its combination of interactivity
with animated playback of color graphics...

...CA 94107. (414) 44-0400. (Mar '91) * '89 Eddy
Mass Microsystems
QuickImage 24 3 1/ 2
The QuickImage 24 is an inexpensive Nubus card that digitizes single
frames of video input...

...CA 94086. (800) 522-7979 or (408) 522-1200. (July '91)
Media Letter 4 1/ 2
Media Letter is a monthly publication that covers interactive and
multimedia technologies. It includes both...

...Belmont, CA 94002. (415) 626-5426 or (415) 856-8900. Oct '90)
MediaTracks 4 1/ 2
MediaTracks (formerly called ScreenRecorder) is a utility for
recording your on-screen ...length or loop. Recordings can be installed
into HyperCard stacks for easier distribution. Version 1. 0 reviewed.
Requires Mac Plus or later. \$495. Farallon Computing, Inc., 2000 Powell
St., Ste. 600...

...digitized, but resolution is still 640 x 480 pixels. Requires MacII
series. Image Grabber, \$1, 499 ; Colour Adapter Module, \$499. Advent
Computer Products, Inc., 449 Santa Fe Dr., Ste. 213, Encinitas...

...227-2795 or (408) 434-1010. (July '91) * '90 Eddy
ShowCase F/X 3 1/ 2
ShowCase F/X is an animated-titling package that provides several
textual effects -- including Aegis...

...into other animation packages or import sequences into ShowCase. Reads
PICT files only. Version 1. 0 reviewed. Requires color Mac II series with
2 MB of RAM. \$395. Aegis Development, 2210...

...89)
TV Producer Pro 3
The TV Producer Pro is a NuBus card that overlays Mac graphics and
text onto a video signal. Original software was clumsy to use, but new
version will provide access via control panel. Version 1. 8 software
shipping. Requires Mac II, Apple 8-bit-video card, and video source. \$695.
Computer...

...97229. (800) 547-3303 or (503) 626-2291. (May '88)
VideoLogic DVA-4000 4 1/ 2
The DVA-4000 is a Nubus card that provides a complete set of
audio/video...

...3
The Apple MIDI Interface is a simple musical-instrument digital
interface with a 1- MHz clock rate. Has only one MIDI input and one
output. Requires Mac Plus or later...

...the program by adjusting its performance relative to the computer's
internal clock. Version 1. 5 reviewed. Version 2.0 shipping. Requires Mac
Plus or later, MIDI interface, and MIDI synthesizer...

...music. Handles eight tracks of eight voices each. Version 4.0 reviewed.
Version 5.1 shipping . Requires Mac512Ke or later. \$189.95. Great Wave
Software, 5353 Scotts Valley Dr., Ste. E...

...Valley, CA 95066. (408) 438-1990. (Dec '87)

Cue: The Film Music System

4 1/ 2

Cue: The Film Music System is a powerful and versatile assistant for scoring folms. Automates...

...and sychronized, producing CD-quality stereo that's easy to access and manipulate. Version 1. 0 reviewed. Version 1. 03 shipping. Requires Digidesign, 1360 Willow Rd., Ste. 101, Menlo Park, CA 94025. (415) 688-0600 ...Mateo, CA94404. (800) 245-4525 or (415) 571-7171. (June '88)

Digidesign MacProteus 4 1/ 2

The MacProteus is a NuBus card that fits any member of the Mac II series...

...bit linear, 39-kHz mono or stereo samples, but it cannot creat them. Version 1. 0f2 reviewed. Requires Mac II series. \$895. Digidesign, 1360 Willow Rd., Sted. 101, Menlo Park, CA 94025. (415) 688-0600. (Feb '91) * '90 Eddy

Encore 4 1/ 2

Encore is a quasi-rule-based music-notation program with a nice interface. It supports multiple files and can deal with large scores. Version 1. 1 . 6a reviewed. Version 1. 31 shipping. Requires Mac Plus or later. \$595. Passport Designs, Inc., 625 Miramontes St., Ste. 103, Half Moon Bay, CA 94019. (415) 726-0280. (May '90)

EZ Vision 4 1/ 2

Powerful enough for beginners, EZ Vision is a general-purpose sequencer that uses a standard...

...good use of color and allows audible output while fast-forwarding or rewinding. Version 1. 0 reviewed. \$149. Opcode Systems, Inc., 3641 Haven Dr., Ste. A, Menlo Park, CA 94025. (415) 369-8131. (Feb '91)

Finale 4 1/ 2

Finale 2.0 is a complex, revolutionary music-notation program. It packs power and a...

...in large-scale compositional and/or publishing projects. The new version fixes many of 1. 0 's flaws and has a more reasonable price. The four new manuals are excellent, and...

...Bloomington, MN 55425. (800) 843-2066 or (612) 854-1288. (May '90)

Galaxy 4 1/ 2

Galazy is a universal patch-librarian program for MIDI synthesizers. When instruments are organized in...

...easy to use, and allows connection to Vision (Opcode's professional sequencing program). Version 1. 0 reviewed. Version 1. 0 .9 shipping. \$249. Opcode Systems, Inc., 3641 Haven Dr., Ste. A, Menlo Park, CA 94025. (415) 369-8131. (Nov '90)

Harmony Grid 4 1/ 2

Harmony Grid offers an experiential approach to harmony theory. Uses a grid to show scales...

...without requiring any training or technique. The program automatically provides counterpoint. Supports MIDI. Version 1. 05 shipping. Requires Mac Plus or later (MIDI synthesizer recommended). \$99. VPL Research, Inc., 656 Bair...

...country tunes. A sort of "Sing Along with Mitch" for the computer crowd. Version 1. 1 reviewed . Requires Mac Plus or later. \$49.95. Broderbund Software, Inc., 17 Paul Dr., San Rafael...

...guitar fret board to input notes. Wide range of exercises. Supports MIDI. Version 2.1 reviewed. Requires Mac Plus or later and System 6.0.3 or later. \$99. Imaja, P...

...1050, Burbank, CA 91505. (818) 955-9999. (Nov '90)

Master Tracks PRO 4 1/2

Master Tracks PRO 4 is a full-featured second-generation MIDI sequencer. Adheres to the...

...for writing MIDI software. Sketchy documentation. Works with both Microsoft BASIC and ZBASIC. Version 1.0 reviewed. Version 3.0 shipping. Requires Mac Plus or later, BASIC, and MIDI interface. \$99 868-8036. (Aug '87)

MIDIplay 4 1/2

MIDIplay is a HyperCard stack that successfully accomplishes the ambitious task of integrating MIDI sequences...

...to other stacks. Other goodies let you finetune overall characteristics of MIDI sounds. Version 1.0 reviewed. \$59.95. Opcode Systems, Inc., 3641 Haven Dr., Ste. A, Menlo Park, CA 94025...

...and type on the keyboard, thus controlling tempo, vibrato, volume, and so on. Version 1.0 reviewed. Version 2.04 shipping. Requires Mac Plus or later. \$79. Dr. T's Music...

...s easy to learn and use. Can import and play back almost anything. Version 1.0 reviewed. Version 2.0 shipping. Requires Mac Plus or later with a hard-disk drive...

...800) 445-4866 or (206) 889-0927. (Aug '90) * '87 Eddy

Professional Composer 3 1/2

Professional Composer produces performance-quality sheet music, using Adobe's Sonata font. Scores can be...

...card can store up to 100 seconds of 16-bit sound sampled at 44.1 KHz. Significantly cuts cost of high-quality sound processing by using the Mac's CPU. Doesn...

...sequencers, and programs compatible with Apple's MIDI Manager. Highly flexible and expandable. Version 1.1 reviewed. Version 1.2 shipping. Requires Mac II series and a hard-disk drive; CD-ROM drive required for included disc. \$1,995 with no installed RAM. Degidesign, 1360 Willow Rd., Ste. 101, Menlo Park, CA 94025. (415...

...is well suited to HyperCard's intuitive style. Requires Mac Plus or later, HyperCard 1.2.5, hard-disk drive, CD-ROM drive, and speakers or headphones. \$66. Warner new Media...

...Ave., Ste. 1050, Burbank, CA 91505. (818) 955-9999. (Mar '91)

Studio Session 4 1/2

Studio Session consists of two programs -- Editor and Player -- that produce music with six voices...

...San Francisco, CA 94121. (415) 673-2532. (Aug '87) * '86 Eddy

Studio Vision 4 1/2

Studio Vision is the first software package that seamlessly integrates MIDI data with digital audio...bars/beats/units) or in video terms (hours/minutes/frames), with SMPTE locking. Version 1.21 reviewed. \$995. Opcode Systems, Inc., 3641 Haven Dr., Ste. A, Menlo Park, CA 94025. (415) 369-8131. (June '91)

Super Librarian 3 1/2

Super Librarian is a multiplatform universal patch librarian for MIDI synthesizers. Organizes different groups of...

...as the same profile is loaded into each machine. Un-Mac-like interface. Version 1. 4 reviewed. Version 3.0 shipping. \$99. Pixel Publishing, 641 Caledonia Rd., Toronto, Ontario M6E 4V8...

...Rd., Ste. 101, Menho Park, CA 94025. (415) 688-0600. (Oct '88)

UpBeat 3 1/ 2

UpBeat turns the Mac into a front panel for a highly complex and versatile drum machine. Input patterns with mouse, MIDI keyboard, or drum machine. Version 1. 2 reviewed. Version 2.05 shipping. Requires Mac Plus or later, MINI interface, and MIDI synthesizer...

...Crescent Rd., Ste. 1B, Needham, MA 02194. (617) 455-1454. (May '88)

Vision 4 1/ 2

Vision is a Mac sequencer that supports full SMPTE control, event-list and graphics editing...

...offering real-time control of volume, tempo, and synthesizer-specific functions. Copy-protected. Version 1. 01 reviewed. Version 1. 2 shipping. Requires Mac Plus or later, MIDI interface, and MIDI synthesizer. \$495. Opcode Systems, Inc...

...CA 91311. (818) 700-9525. (Feb '90)

* DATA ACQUISITION

& ANALYSIS

Analog Connection

Workbench 4 1/ 2

Analog Connection Workbench is an icon-based application generator for general-purpose data acquisition, control...

...Rd., Sunnyvale, CA 94086. (408) 736-8800. (July '89)

ATLAS*MapMaker 4.5 3 1/ 2

ATLAS*MapMaker is a digital cartographer that displays demographic and marketing information geographically. A large...

...a company through several stages during 25 years. Decisions become tougher over time. Version 1. 0 reviewed. Version 2.0 shipping. Requires Mac Plus or later and a hard-disk drive...

...quality business graphics. easy to use and can import data from most sources. Version 1. 0 reviewed. Version 1. 5 shipping. Requires Mac Plus or later, System 6.0.3 or later, and a hard-disk drive. \$195. DeltaPoint, Inc., 2 Harris Court, Ste. B-1, Monterey, CA 93940. (800) 367-4334 or (408) 648-400. (Mar '90) * '87, '89 Eddy

Descartes 1. 0 .3 3 1/ 2

Descartes 1. 0 .3 is a digital cartographer that displays demographic and marketing information geographically. Has innovative, easy...

...S. boundary maps by state and county. Lacks support for Apple's DAL. Version 1. 0 .3 reviewed. Requires Mac SE or later with 2 MB of RAM. \$795. Intermap, 13...

...The program's interface for Apple's DAL is helpful networked corporate users. Version 1. 0 reviewed. Version 2.0.1 shipping. Requires Mac Plus or later and System 6.0.3 or later. \$395. GeoQuery Corp...

...and speed are excellent. Imports graphics as well as data and supports color. Version 1. 1 reviewed. Version 1. 2 shipping. Requires 1 MB of RAM available for application, System 4.1 or later, and a hard-disk drive. \$295. WaveMetrics, P.O. Box 2088, Lake Oswego, OR...

...command to cycle through a series of images. No morphology and quantitative analysis. Version 1. 0 reviewed. Requires color Mac II series

with 4 MB of RAM. \$749. Signal Analytics Corp...

...Ave. E., Ste. 200, Vienna, VA 22180. (703) 281-3277. (July '91)

Ithink 4 1/2

Formerly named STELLA Software for Business, Ithink is a simulation tool for modeling complex business systems. Requires that you master a discipline called system dynamics. Version 1.02 shipping. Requires Mac Plus or later. \$450; academic discounts available. High Performance Systems, Inc., 45...

...32,000-row spreadsheet. Excetionally nice printed output. Version 2.0 reviewed. Version 2.1 shipping. Requires Mac Plus or later. \$249. Synergy Software, 2457 Perkiomen Ave., Reading, PA 19606. (800...

...program, where the user's drawing becomes the actual functioning software interface. Version 2.1 reviewed. Requires 4 MB of RAM and a hard-disk drive. \$1,995; run-time version, \$495. National Instruments Corp., 6504 Bridge Point Pkwy., Austin TX 78730. (800...

...up to 142 KHz. Sketchy documentation. Requires Mac II series. NuBus data-acquisition card, \$1,490; software interface, \$600. GW Instruments, 35 Medford ST., Somerville, MA 02143. (617) 625-4096. (July '88)

MacInstruments 3 1/2

MacInstruments is an oscilloscope emulator with chart-recorder functions and some statistics capabilities. Records up...

...000 samples per second and works with a wide selection of GW hardware. Version 1.04 reviewed. Version 1.05 shipping. Requires Mac Plus or later. \$790. GW Instruments, 35 Medford St., Somerville, MA 02143...

...Version 3.0 shipping. Requires Mac Plus or later. \$3,535; optional differential amplifiers, \$1,125. World Precision Instruments, Inc., 175 Sarasota Center Blvd., Sarasota, FL 34240-9258. (813) 371-1003...

...to 10,000 samples per second. The portable hardware can be used remotely. Version 1.05e reviewed. Version 1.2 shipping. Requires Mac 512Ke or later. MP10, \$1,195; MP20, \$1,395; MP100, \$2,295; optional external amplifier, \$295; optional external amplifier for MP10, \$395. BioPac Systems...

...program for graphic data analysis. Handles multivariate data in a highly visual manner. Version 1.0 reviewed. Version 3.0 shipping. Requires Mac Plus or later. \$295. Abacus Concepts, 1984 Bonita...

...Inc., 510 Cottonwood, Milpitas, CA 95035. (408) 432-1000. (July '89)

Spyglass Dicer 2 1/2

Spyglass Dicer provides a 3-D, full-color, detailed perspective view of statistical data. Although...

...invented at the National Center for Super-computing Applications. It comes with MPW c3.1 and FORTRAN libraries. Dicer can import raw binary data in many formats and accepts data in the netCDF format. Version 1.0 reviewed. \$495. Spyglass, Inc., 701 Devonshire Dr., Box C-17, Champaign, IL 61820. (217) 355...

...arrays of numbers by viewing them as pictures. Requires some knowledge of FORTRAN. Version 1.0 reviewed. Version ...Devonshire Dr., Box C-17, Champaign, IL 61820. (217) 355-1665. (Oct '90)

Spyglass View 4

Spyglass View is a data-analysis package that provides a variety of ways to view arrays...

...excellent color tools and a variety of palettes. Requires some knowledge of FORTRAN. Version 1.0 shipping. Requires Mac II of SE/30 with

8-bit-video display, System 6.0...

...Dr., Box C-17, Champaign, IL 61820. (217) 355-1665. (Oct '90)

SuperANOVA 4 1/ 2

SuperANOVA is a slick linear-modeling program with a great interface. Feature-laden and powerful. Version 1. 0 reviewed. Version 1. 1 shipping . Requires Mac Plus and system 6.0.3 or later. \$495. Abacus Concepts, 1984 Bonita...

...666-7828 or (415) 540-1949, (Mar '90) * '89 Eddy

Tactician 2.0 4 1/ 2

Tactician 2.0 is a digital cartographer that displays demographic and marketing information geographically. It...

...quantitative analysis. Allows mathematically expressed image modification down to pixel level. A 3-D View command plots color perspective graphs with mountains and valleys corresponding to pixel light intensity. Includes AutoMac III macro program and Developer's Toolkit for customizing the Ultimage Usermenu. Version 1. 34 shipping. Requires color Mac II series with 4 MB of RAM \$2,990. Graftek-France GTFS, Inc., 2455 Bennett Valley Rd., Ste. 100C, Santa...

...Cambridge, MA 02139. (800) 628-4223 or (617) 577-1017. (Apr '90)

Mathematica 4 1/ 2

Mathematica is a powerful tool for doing all kinds of math. Offers arbitrary-precision numerical calculations, symbolic computation, PostScript graphics, and programmability. Version 1. 03 reviewed. Version 1. 2 shipping. Requires Mac Plus or later with 2 MB of free RAM for application and...

...61820. (800) 441-6284 or (217) 398-0700. (Nov '88) * '88 Eddy

MathType 3 1/ 2

MathType is a mathematical-equation-writing program. Can be installed as either a DA or...

...CA 90803. (800) 827-0685 or (213) 433-0685. (July '90)

Model-It 3 1/ 2

Model-It! is a good tool for simple mathematical modeling and simulating small dynamic systems...

...and output is basic. Requires prior knowledge of modeling -- there's no AI. Version 1. 0 reviewed. Requires Mac 512Ke or later. \$295. Norris Software Systems, 5201 Western Ave., Ste. 432...

...visualize equations and theories through graphs and animation, including 3-D and color. Version 1. 01 reviewed. Version 1. 1 shipping . Requires Mac Plus or later. \$399.95. Prescience Corp., 939 Howard St., San Francisco, CA...9400 or (206) 882-8080. (July '91) * '85 Eddy

Full Impact 2.0 4 1/ 2

Full Impact is a high-end spreadsheet program with impressive capabilities. The program can now...

...Fonts, styles, and formatting are variable from cell to cell. Excel, MultiPlan, or Lotus 1- 2 -3 models can be converted into MACCalc format without losing their formats or models. Lacks...

...Berkeley, CA 94709. (415) 841-8552. (July '90) * '86 Eddy

Microtemp Financial

Calculators 3 1/ 2

Microtemp Financial Calculators is a set of worksheets for Excel and Works that calculate common...

...problems. The program includes cash flow, real estate, and rate-of-return calculators. Version 1. 0 reviewed. \$79.95. Microtemp, 318 Mendocino Ave., Ste. 22, Santa Rosa, CA 95404. (707) 575...

...macro and a macro to transpose rows and columns. Improves Excel performance. Version 2.1 shipping. Requires Microsoft Excel version 1. 5 or later. \$49.95. Individual Software, Inc., 124 Shoreway Rd., Ste. 3000, San Carlos, CA 94070. (800) 331-3313 or (415) 595-8855. (July '88)

Trapeze 2 1/ 2

Trapeze is a mathematical program offering the power of a spreadsheet program and the flexibility...

...math coprocessor and calculates in the background under MultiFinder. Spreadsheets can be up to 1, 600 pages long. Can open and link up to 32 spreadsheets. Wide variety of chart types...

...over graphics. Page-layout mode is difficult to learn. Non-standard interface. Version 2.1 shipping. Requires Mac Plus or later. \$295. Deltapoint, Inc., 2 Harris Court, Ste. B-1, Monterey, CA 93940. (800) 367-4334 or (408) 648-4000. (July '90)

WingZ 3 1/ 2

WingZ is a sophisticated high-end product with remarkable 3-D graphics. HyperScript language lets...

...linking operations. Minimal recalculating technique can take longer than recalculating an entire spreadsheet. Version 1. 1 shipping. Requires Mac Plus or later (2 MB of RAM recommended). \$399. Informix Software, 16011 College...

...66219. (800) 438-7627 or (913) 599-7100. (July '90) * '89 Eddy

Works 4 1/ 2

Microsoft Works is an easy-to-use combination of word processor, mail-merge system, spreadsheet...

...cause problems. Version 3.0 reviewed. Requires Mac 512Ke or later and System 4.1 or later. \$595. Odesta Corp., 4084 Commercial Ave., Northbrook, IL 60062. (800) 323-5423 or (708)...

...Good for beginners as well as advanced users. Limited ANOVA and multivariate procedures. Version 1. 2 reviewed. Requires Mac Plus or later. \$349. Strategic Mapping, Inc., 4030 Moorpark Ave., Ste. 250, San Jose, CA 95117. (408) 985-7400. (Apr '90)

Fastat 3 1/ 2

Fastat is a statistics package that features a Mac interface and is easy to learn...

...numerically. Graphing abilities aren't presentation quality and can be hard to manipulate. Version 1. 0 shipping. Requires Mac Plus or later and a hard-disk drive. \$195. Systat, Inc., 1800 Sherman Ave., Evanston, IL 60201. (708) 864-5670. (Nov '89)

JMP 3 1/ 2

JMP is a business statistics package. Provides good data-management and exploratory interactive-graphics tools...

...performance. Limited range of nonparametric and multivariate procedures. Confusing approach to specifying procedures. Version 1. 0 reviewed. Requires Mac Plus or later. \$695. SAS Institute, Bx 8000, 1 SAS Circle, Cary, NC 27512 (919) 677-8000. (Apr '90)

Minitab 3

Minitab is a high...4

SPSS for the Macintosh provides most of the procedures needed by professional statistical analysts. Has excellent on-line help, useful Command Generator, and clear documentation. Non-Mac interface. Has some...

...equipped Mac II machine. Tables and graphics must be viewed as separate

output. Version 1. 03 shipping. Requires Mac SE or II series with 68020 or 68030 processor and FPU. \$495...

...Data-transformation functions are limited. Weak interactive exploratory graphics, but performance is adequate. Version 1. 03 shipping. Requires Mac SE. \$350; with SuperANOVA, \$575. Abacus Concepts, 1984 Bonita Ave., Berkeley, CA...

...and color graphics. Consumes a lot of memory. Version 5.0 reviewed. Version 5.1 shipping. Requires Mac Plus or later with 4 MB of RAM and a hard-disk drive...

...Ave., Evanston, IL 60201. (708) 864-5670. (Nov '90)

ORGANIZATIONAL

TOOLS

Acta Advantage 4 1/ 2

Acta Advantage is an outliner application. Also comes with the Acta DA. Smart Paste lets...

...outlines into MORE and ThinkTank and into MacWrite, WriteNow, Works, and RTF files. Version 1. 03 reviewed. Version 1. 04 shipping. Requires Mac 512Ke or later. \$129. Symmetry Software Corp., 8603 E. Royal Palm Rd...

...in other documents. No automatic right-angle line maintenance. Useful text-find feature. Version 1. 1 reviewed. Version 2.0 shipping. Requires Mac Plus or later. \$295. Action Software, 1507 E. Franklin...

...800) 826-0550 or (919) 544-9219. (Jan '90)

Microsoft Office CD-ROM

4 1/ 2

The Microsoft Office is Word, Excel, Mail, and PowerPoint on a CD-ROM (a disk...

...800) 426-9400 or (206) 882-8080. (Apr '90)

Org Plus for Macintosh 4 1/ 2

Org Plus creates hierarchical organization charts quickly, intuitively, and with a surprising variety of styles...

...a top-quality Mac program that can exchange files with its DOS counterpart. Version 1. 0 reviewed. \$195. Banner Blue, P.O. Box 7865, Fremont, CA 94537. (415) 794-6850. (May '91)

* PERSONAL INFO

MANAGERS

Address Book Plus 4 1/ 2

Address Book Plus is a name-and-address manager. It prints on one side of...

...CA 94403. (800) 851-2917 or (415) 345-5900. (Apr '90)

Alarming Events 4 1/ 2

Alarming Events is a DA that provides an integrated electronic appointment book. Its interface resembles...

...can provide advance warning of upcoming events, and you can designate recurring events. Version 1. 0 reviewed. Version 1. 03 shipping. \$129.95. CE Software, Inc., P.O. Box 65580, West Des Moines, IA 50265. (800) 523-7638 or (515) 224-1995. (Feb '91)

Business Class 3 1/ 2

Business Class is a HyperCard stack that contains world-travel information and itinerary planning. Uses...CalenDAr isn't convenient for exporting or archiving a record of past activities. Version 1. 0 reviewed. Version 1. 1 shipping. \$ 49.95. Psybron Systems, Inc., P.O. Box 431, Charleston, WV 25322. (800) 866-4260...

...can be customized with graphics and icons. Version 3.0 reviewed. Version

3.0.1 shipping . Requires Mac 512K or later and System 4.1 or later.
\$49.95. CE Software, Inc., P.O. Box 65580, WestDes Moines, IA 50265. (800
...

...writing, drawing, simple math calculation, and even dialing the phone.
Difficult to use. Version 1. 0 shipping. Requires Mac Plus or later. \$495.
Chang Laboratories, Inc., 3350 Scott Blvd., Bldg. 25...

...nightlife. It can help you plan an itinerary. Incompatible with
HyperCard 2.0 Version 1. 0 reviewed. Requires HyperCard and a printer. \$
49.95. Activision (Mediagenic), 3885 Bohannon Dr., Menlo Park...

...you're in other applications. Has HyperCard stack for preparing
HyperCard address stacks. Version 1. 0 reviewed. Version 2.0 shipping.
Requires Mac Plus or later and a PostScript or Quick...

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...inference engine (that ultimately finds the answer) is visible. Lacks a true Mac interface. Version 1.0. \$49.95. Human Intellect Systems, 1670 S. Amphlett Blvd., Suite 326, San Mateo, CA...

...connections to Paint, PICT, SYLK, and text files. Still a little buggy. Requires 512K+. Version 1.03. \$149.95. cognition Technology, 55 Wheeler

St., Cambridge, MA 02138. NCP (Jan 88)
Micro...

...rules from examples. Rules become unwieldy when many criteria and examples are used. Overpriced. Version 1.4 reviewed. Requires 512KE. \$199.95. Softsync, 162 Madison Avenue, New York, NY 10016. NCP...

...Computer, PO Box 9916, Berkeley, CA 94709. NCP (May 86) *'86 Eddy
UTILITIES
Accessory Pak 1 is a set of useful applications and utilities.
Paint Cutter alone is worth the price. That...

...AutoSave DA is insurance against system crashes. It saves your work automatically at intervals from 1 to 99 minutes. Compatible with many applications, but not recommended for use with databases. \$49...and Widgets application. The extras alone are worth the price. Requires 512K+. Upgrade from version 1.0, \$7; \$10 with new manual. \$49.95. CE Software, 1854 Fuller Road, West Des...

...PBI Software, 1163 Triton Dr., Foster City, CA 94404. NCP (Sep 86)
Icon-It! (v. 1.0) lets you create icons to use as an alternative to menu commands. Comes with...that creates "virtual instruments" to perform calculations, acquire laboratory data, and control instrumentation. Slow. Version 1.1 reviewed. \$1900. National Instruments. 12109 Technology Boulevard, Austin, TX 78727-6204. NCP (Jul 88)
Laser...

...compare disks, analyze disk structure, and make back-up copies of most disks. \$60. Micro Analyst, 2505 Roxmoor, Austin, TX 78723. NCP (Jan 86)
Menu Fonts displays the names of fonts...Computer Corp., 1200 North 23rd St., Wilmington, NC 28405. NCP (Jun 87)
Read-it! (v. 1.0) is the best consumer value in optical character recognition software. Works with any scanner...

...bit map, PICT or TIFF file. Comes with type tables that can be customized. Version 1.1, \$395; ThunderScan version, \$149.95. Olduvai Software, 7520 Red Rd., South Miami, FL 33143. NCP...

...productivity. This program lets users run several programs at once (up to 8 on a 1-megabyte or larger machine). Switching between the programs is nearly instantaneous. Requires 512K+. \$19.95...and outwit an opponent or the computer. Requires 512K+. Mac II hostile; MultiFinder friendly. Version 1.0 reviewed. \$49.95. Infinity Software, 1144 65th St., Studio C, Emeryville, CA 94608. NCP (Jun 88)

Handwriting Analyst produces a personality profile based on answers to questions about one's handwriting. It's...disk. \$29.95. Addison-Wesley, Route 128, Reading, MA 01867. CP (Mar 87)

Quarterstaff (v. 1.2) is a fantasy adventure game of the typical "good vs. evil" variety. Ability to...

...95. Sierra On-Lin, PO Box 485, Coarsegold, CA 93614. CP (Sep 87)
Star Fleet 1: The War Begins! is a space opera of the Star Trek variety. Rise through the...02140. NCP

MUSIC
Apple MIDI Interface is a simple Musical Instrument Digital Interface with a 1 MHz clock rate. Has only one MIDI input and one output. Works with all Macs...Valencia Ave., Tustin, CA 92680. (Jul 87)

DASCH is an external RAMdisk available in half, 1, and 2M sizes. Connects to a serial port. Speeds up operations 200 to 300%. Can...

...Use Mac applications to manipulate data created with an IBM PC. Comes in both 5-1/4 and 3-1/2 inch formats. \$595 for single floppy. Dayna Communications, 50 S. Main St., 5th Floor...

...S. 35th St., Phoenix, AZ85040. (Jan 88)

Jasmine Direct Drive 50 is a very quiet 1 : 1 interleave 50 megabyte hard drive and one of the fastest SCSI drives around. A small... chart recorder. PacqManager software expandable via external routines in Turbo Pascal and other languages. Version 1 .03 reviewed. \$995. Biopac Systems, 42 Aero Camino, Goleta CA 93117. NCP (Jul 88)
MacRecorder...

...NJ 07728.

One Plus One is a user-installable memory upgrade for a MacPlus. Adds 1 megabyte of RAM to the 1M already there. Simple one-evening project. Includes MacBreeze, an...hard disk to run Mac applications. Requires SCSI port. Mac II and MultiFinder friendly. Version 1 .24 reviewed. \$465. Compatible Systems, P.O. Drawer 17220, Boulder, CO 80308. (Jun 88)

SuperRam 2 and SuperRam 4 are 2- and 4 -megabyte RAM upgrades. Should be dealer installed but can be (carefully) user installed. SuperRam 2 includes RAM adaptor module, 1 -meg memory module, modified power cable, jumper and fan. SuperRam 4 adds power supply booster and two 1 -meg memory modules. Not compatible with most big screens. \$499. SuperMac Technology, 295 N. Bernardo, Mountain View , CA 94043. (Oct 87)

ThunderScan replaces the ribbon cartridge in an ImageWriter, which is required...

...Blvd., Corvallis, OR 97330-4285. (Dec 87)

TV Producer is an add-in card that overlays Mac graphics and text onto a video signal. Software is clumsy to use. Requires Mac...

9/K/20 (Item 14 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01240461 **Supplier Number:** 06504151 (Use Format 7 Or 9 For FULL TEXT)

Minifinders. (software for the Macintosh microcomputer) (buyers guide)

MacUser , v4 , n5 , p268(21)

May , 1988

Document Type: buyers guide

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 20565 **Line Count:** 01661

...overall programming facility. Simple to set up, yet fast. Graphic capabilities are quite limited. Version 1 .0 reviewed. \$279. Borland/Analytica, 4585 Scotts Valley Dr., Scotts Valley, CA 95066-9987. NCP...

...be customized using other software. Parameter Manager can also import data from Excel or Lotus 1 -2-3. \$495. SMS, 651 River Oaks Parkway, San Jose, CA 95134. NCP (Jul 87...documents in color using the ImageWriter II or ImageWriter I. Paint files set up as overlays are read into ColorPrint, and the program controls proper positioning registration. \$29.95. I/O...

...4500 E. Speedway, Tucson, AZ 85712-5305. NCP (Mar 88)

"Draw it again, Sam..." (v. 1 .03) is an object-oriented graphics program, like MacDraw, that adds such useful wrinkles as...

...99.95. Ashton-Tate 20101, Hamilton Ave., Torrance, CA 90502-1319. NCP (Jun 86)

GraphicWorks 1 . 1 is a powerful drawing and painting program that creates high-resolution bit-maps. Easels contain...of a document. The support is scads better than the documentation, which is lousy. Version 1 . 1 .4. \$495. LaserWare, PO Box 668, San Rafael, CA 94915. CP (Jan 88)
Lasertalk is...

...Best suited for letterheads, memos, other business use. \$39.95. Simon & Schuster, Computer Software Div., 1 Gulf + Western Plaza, New York, NY 10023. NCP (Mar 86)

Mac-a-Mug is an...

...graphics program that started a whole new genre. Still the best freehand graphics tool. Version 1 .5 supports 512K+ Macs and the LaserWriter. Multiple tools, patterns, and features too numerous to...
...Uses its own special graphics and can import Paint files. Hard disk users get version 1 .02 or higher. \$79.95. Broderbund, 17 Paul Dr., San Rafael, CA 94903. CP (Sep 87)

Slide Show Magician 1 .3 is useful for creating full screen audiovisual presentations on the Mac. Frame branching, improved...quality clip art. Also includes the Art Roundup DA, a good art browser/editor. Volume 1 or 2, \$39 each; both volumes. \$59. Available in PictureBase format for \$15 extra per...

...Feb 88)

Scoop could someday be the world's best desktop publishing program, but version 1 .0 isn't it. There are various ways to cause the program to bomb which...

...495. Target Software, 14206 SW 136th St., Miami, FL 33186. NCP (Feb 88)

TeXtures (v. 1 .0) is an implementation of TeX, the big daddy of typesetting programs. Good for people...Language Processing Systems, 190 West 800 North, Provo, UT 84604. NCP (Apr 87)

Macspell+ (version 1 .10) is a spelling checker that installs as a desk accessory. Works easily with MacWrite...CT 06074. NCP (Dec 87)

MindWrite integrates outlining and word processing better than anyone. Version 1 . 1 fixes many problems of the earlier version. Sophisticated search and select options. Unimpressive speed. \$295...inference engine (that ultimately finds the answer) is visible. Lacks a true Mac interface. Version 1 .0. \$49.95. Human Intellect Systems, 1670 S. Amphlett Blvd., Suite 326, San Mateo, CA...

...connections to Paint, PICT, SYLK, and text files. Still a little buggy. Requires 512K+. Version 1 .03. \$149.95. Cognition Technology, 55 Wheeler St., Cambridge, MA 02138. NCP (Jan 88)

Micro...

...95. Cortland Computer, PO Box 9916, Berkeley, CA 94709. NCP (May 86)

UTILITIES

Accessory Pak 1 is a set of useful applications and utilities. Paint Cutter alone is worth the price...

...AutoSave DA is insurance against system crashes. It saves your work automatically at intervals from 1 to 99 minutes. Compatible with many applications, but not recommended for use with databases. \$49...and Widgets application. The extras alone are worth the price. Requires 512K+. Upgrade from version 1 .0, \$7; \$10 with new manual. \$49.95. CE Software, 801-73rd St., Des Moines...

...69. Symmetry, 761 E. University Dr., Mesa, AZ 85203. NCP (May 88)

Icon-It! (v. 1 .0) lets you create icons to use as an alternative to menu commands. Comes with...compare disks, analyze disk structure, and make back-up copies of most disks. \$60. Micro Analyst , 2505 Roxmoor, Austin, TX 78723. NCP (Jan 86)

Menu Fonts displays the names of fonts...

...Computer Corp., 1200 North 23rd St., Wilmington, NC 28405. NCP (Jun 87)

Read-it! (v. 1 .0) is the best consumer value in optical character recognition software. Works with any scanner...

...bit map, PICT or TIFF file. Comes with type tables that can be customized. Version 1 . 1 , \$395; ThunderScan version, \$149.95. Olduvai Software, 7520 Red Rd., South Miami, FL 33143. NCP...productivity. This program lets users run several programs at once (up to 8 on a 1 -megabyte or larger machine). Switching between the programs is nearly instantaneous. Requires 512K+. \$19.95...Plus. \$49.95. Infinity Software, 1331 61st St., Emeryville, CA 94608. CP (Nov 86)

Handwriting Analyst produces a personality profile base on answers to questions about one's handwriting. It's...disk. \$29.95. Addison-Wesley, Route 128, Reading, MA 01867. CP (Mar 87)

Quarterstaff (v. 1 .2) is a fantasy adventure game of the typical "good vs. evil" variety. Ability to...Valencia Ave., Tustin, CA 92680. (Jul 87)

DASCH is an external RAMdisk available in half, 1 , and 2M sizes. Connects to a serial port. Speeds up operations 200 to 300%. Can...

...Use Mac applications to manipulate data created with an IBM PC. Comes in both 5- 1 /4 and 3- 1 /2 inch formats. \$595 for single floppy. Dayna Communications, 50 S. Main St., 5th Floor...

...35th St., Phoenix, AZ 85040. (Jan 88)

Jasmine Direct Drive 50 is a very quiet 1 : 1 interleave 50 megabyte hard drive and one of the fastest SCSI drives around. A small... 07728.

One Plus One is a user-installable memory upgrade for a Mac Plus. Adds 1 megabyte of RAM to the 1M already there. Simple one-evening project. Includes MacBreeze, an...

...node. Farallon Computing, 2150 Kittredge St., Berkeley, CA 94704. (Dec 86)

SuperRam 2 and SuperRam 4 are 2- and 4 -megabyte RAM upgrades. Should be dealer installed but can be (carefully) user installed. SuperRam 2 includes RAM adaptor module, 1 -meg memory module, modified power cable, jumper and fan. SuperRam 4 adds power supply booster and two 1 -meg memory modules. Not compatible with most big screens. \$499. SuperMac Technology, 295 N. Bernardo, Mountain View , CA 94043. (Oct 87)

ThunderScan replaces the ribbon cartridge in an ImageWriter, which is required...

...Blvd., Corvallis, OR 97330-4285. (Dec 87)

TV Producer is an add-in card that overlays Mac graphics and text onto a video signal. Software is clumsy to use. Requires Mac...

9/K/21 (Item 15 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01239711 **Supplier Number:** 06247016 (Use Format 7 Or 9 For FULL TEXT)
Minifinders. (buyer's guide)

MacUser , v4 , n4 , p244(21)

April , 1988

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 18821 **Line Count:** 01517

...overall programming facility. Simple to set up, yet fast. Graphic capabilities are quite limited. Version 1 .0 reviewed. \$279. Borland/Analytica, 4585 Scotts Valley Dr., Scotts Valley, CA 95066-9987. NCP...

...be customized using other software. Parameter Manager can also import data from Excel or Lotus 1 -2-3. \$495. SMS, 651 River Oaks Parkway, San Jose, CA 95134. NCP (Jul 87...documents in color using the ImageWriter II for ImageWriter I. Paint files set up as overlays are read into ColorPrint, and the program controls proper positioning registration. \$29.95. I/O...

...4500 E. Speedway, Tucson, AZ 85712-5305. NCP (Mar 88)
"Draw it agin, Sam..." (v. 1 .03) is an object-oriented graphics program, like MacDraw, that adds such useful wrinkles as...

...95. Ann Arbor Softworks, 2393 Teller Rd., Newbury Park, CA 91320. NCP (Jun 86)
GraphicsWorks 1 .1 is a powerful drawing and painting program that creates high-resolution bit-maps. Easels contain...of a document. The support is scads better than the documentation, which is lousy. Version 1 .1 .4 \$495. LserWare, PO Box 668, San Rafael, CA 94915. CP (Jan 88)
The Mac...

...Best suited for letterheads, memos, other business use. \$39.95. Simon & Schuster, Computer Software Div., 1 Gulf + Western Plaza, New York, NY 10023. NCP (Mar 86)
Mac-Mug is an Identikit...

...graphics program that started a whole new genre. Still the best freehand graphics tool. Version 1 .5 supports 512 + Macs and the LaserWriter. Multiple tools, patterns and features too numerous to...

...Uses its own special graphics and can import Paint files. Hard disk users get version 1 .02 or higher. \$79.95. Broderbund, 17 Paul Dr., San Rafael, CA 94903. CP (Sep...Feb 88)

Scoop could someday be the world's best desktop publishing program, but version 1 .0 isn't it. There are various ways to cause the program to bomb which...

...Target Software, 14206 SW 136th St., Miami, FL 3186. NCP (Feb 88)
Slide Show Magician 1 .3 is useful for creating full screen audiovisual presentations on the Mac Frame branching, improved...

...Black Mountain Rd., PO Box 261430, San Diego, CA 92126. NCP (Feb 87)
TeXtures (v. 1 .0) is an implementation of TeX, the big daddy of typesetting programs. Good for people...

...quality clip art. Also includes the ArtRoundup DA, the best art browser/editor yet. Volume 1 or 2, \$39 each; both volumes, \$59. Available in

PictureBase format for \$15 extra per...Language Processing Systems, 190 West 800 North, Provo, UT 84604. NCP (Apr 87)

Macspell+ (version 1 .10) is a spelling checker that installs as a desk accessory. Works easily with MacWrite...

...CT 06074. NCP (Dec 87)

MindWrite integrates outlining and word processing better than anyone. Version 1 .1 fixes many problems of the earlier version. Sophisticated Search and select options. Unimpressive speed. \$295... inference engine (that ultimately finds the answer) is visible. Lacks a true Mac interface. Version 1 .0. \$49.95. Human Intellect Systems, 1670 S. Amphlett Blvd., Suite 326, San Mateo, CA...connections to Paint, PICT, SYLK and text files. Still a little buggy. Requires 512K+. Version 1 .03. \$149.95. Cognition Technology, 55 Wheeler St., Cambridge, MA 02138. NCP (Jan 88)

Micro...

...95. Cortland Computer, PO Box 9916, Berkeley, CA 94709. NCP (May 86)

UTILITIES

Accessory Pak 1 is a set of useful applications and utilities. Paint Cutter alone is worth the price...

...AutoSave DA is insurance against system crashes. It saves your work automatically at intervals from 1 to 99 minutes. Compatible with many applications, but not recommended for use with data bases 512K+. Upgrade from version 1 .0,\$7;10 with new manual. \$49.95. CE Software, 801 73rd St., Des Moines...

...PBI software, 1163 Triton DR., Foster City, CA 94404. NCP (Sep 86)

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Handwriting Analyst produces a personality profile base on answers to questions about one's handwriting. It's...disk. \$29.95. Addison-Wesley, route 128, Reading, MA 01867. CP (Mar 87)

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Jasmine Direct Drive 50 is a very quiet 1 : 1 interleave 50 megabyte hard drive and one of the fastest SCSI drives around. A small...NJ

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SuperRam 2 and SuperRam 4 are 2- and 4 -megabyte RAM upgrades. Should be dealer installed but can be (carefully) user installed. SuperRam 2 includes RAM adaptor module, 1 -meg memory module, modified power cable, jumper and fan. SuperRam 4 adds power supply booster and two 1 -meg memory modules. Not compatible with most big screens. \$499. SuperMac Technology, 295 N. Bernardo, Mountain View , CA 94043. (Oct 87)

Thunder Scan replaces the ribbon cartridge in an ImageWriter, which is...

9/K/22 (Item 16 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01238457 **Supplier Number: 06203260 (Use Format 7 Or 9 For FULL TEXT)**
Minifinders. (software buyer's guide) (buyers guide)

MacUser , v4 , n2 , p296(18)

Feb , 1988

Document Type: buyers guide

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 17054 **Line Count:** 01378

...overall programming facility. Simple to set up, yet fast. Graphic capabilities are quite limited. Version 1 .0 reviewed.

\$279. Borland/Analytica, 4585 Scotts Valley Dr., Scotts Valley, CA 95066-9987. NCP...

...be customized using other software. Parameter Manager can also import data from Excel or Lotus 1 -2-3. \$495. SMS, 651 River Oaks Parkway, San Jose, CA 95134. NCP (Jul 87...documents in color using the ImageWriter II or ImageWriter I. Paint files set up as overlays are read into ColorPrint, and the program controls proper positioning registration. \$29.95. I/O...

...95. Ann Arbor Softworks, 2393 Teller Rd., Newbury Park, CA 91320. NCP (Jun 86)

GraphicWorks 1 . 1 is a powerful drawing and painting program that creates high-resolution bit-maps. Easels contain...

...of a document. The support is scads better than the documentation, which is lousy. Version 1 . 1 .4. \$495. LaserWare, PO Box ...Best suited for letterheads, memos, other business use. \$39.95. Simon & Schuster, Computer Software Div., 1 Gulf & Western Plaza, New York, NY 10023. NCP (Mar 86)

Mac-a-Mug is an...

...graphics program that started a whole new genre. Still the best freehand graphics tool. Version 1 .5 supports 512K+ Macs and the LaserWriter. Multiple tools, patterns and features too numerous to...

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Slide Show Magician 1.3 is useful for creating full screen audio-clip art. Also includes the Art Roundup DA, the best art browser/editor yet. Volume 1 or 2, \$39 each; both volumes, \$59. Available in PictureBase format for \$15 extra per...Language Processing Systems, 190 West 800 North, Provo, UT 84604. NCP (Apr 87)

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MindWrite integrates outlining and word processing better than anyone. Version 1.1 fixes many problems of the earlier version. Sophisticated search and select options. Unimpressive speed. \$295...the Mac. It uses an index card metaphor. It contains a programming language, HyperTalk. Requires 1 meg. Free with new Macs, otherwise \$49.95. Apple Computer, 20525 Mariani Ave., Cupertino, CA...

...inference engine (that ultimately finds the answer) is visible. Lacks a true Mac interface. Version 1.0. \$49.95. Human Intellect Systems, 1670 S. Amphlett Blvd., Suite 326, San Mateo, CA...

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UTILITIES

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Menu Fonts displays the names of fonts...productivity. This program lets users run several programs at once (up to 8 on a 1-megabyte or larger machine). Switching between the programs is nearly instantaneous. Requires 512K+. \$19.95...Use Mac applications to manipulate data created with an IBM PC. Comes in both 5-1/4 and 3-1/2 inch formats. \$595 for single floppy. Dayna Communications, 50 S. Main St., 5th Floor...07728.

One Plus One is a user-installable memory upgrade for a Mac Plus. Adds 1 megabyte of RAM to the 1M already there. Simple one-evening project. Includes MacBreeze, an...

...node. Farallon Computing, 2150 Kittredge St., Berkeley, CA 94704. (Dec 86)

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2 includes RAM adaptor module, 1 -meg memory module, modified power cable, jumper and fan. SuperRam 4 adds power supply booster and two 1 -meg memory modules. Not compatible with most big screens. \$499. SuperMac Technology, 295 N. Bernardo, Mountain View , CA 94043. (Oct 87)

ThunderScan replaces the ribbon cartridge in an ImageWriter, which is required...

9/K/23 (Item 17 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01208929 **Supplier Number:** 06126378 (Use Format 7 Or 9 For FULL TEXT)

Minifinders. (short reviews and ratings of software for the Macintosh, by category) (column)

MacUser , v3 , n11 , p202(22)

Nov , 1987

Document Type: column

ISSN: 0884-0997

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 15782 **Line Count:** 01275

...be customized using other software. Parameter Manager can also import data from Excel or Lotus 1 -2-3. \$495. SMS, 651 River Oaks Parkway, San Jose, CA 95134. NCP (Jul 87)...documents in color using the ImageWriter II or ImageWriter I. Paint files set up as overlays are read into ColorPrint, and the program controls proper positioning registration. \$29.95. I/O...

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Mac-a-Mug is an...graphics program that started a whole new genre. Still the best freehand graphics tool. Version 1 .5 supports 512K+ Macs and the LaserWriter. Multiple tools, patterns and features too numerous to ...

...95. Dreams of the Phoenix, PO Box 10273, Jacksonville, FL 32247. NCP (Oct 86)

PictureBase 1 .2 is the updated version of the powerful graphic librarian. You can store paint and...

...Uses its own special graphics and can import Paint files. Hard disk users get version 1 .02 or higher. \$79.95. Broderbund, 17 Paul Dr., San Rafael, CA 94903. CP (Sep...

...395. Letraset, USA, 40 Eisenhower Dr., Paramus, NJ 07652. NCP. (Jul 87)

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ThunderScan replaces the ribbon cartridge in an ImageWriter, which is required...

9/K/24 (Item 18 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01208888 **Supplier Number: 06126470 (Use Format 7 Or 9 For FULL TEXT)**

Minifinders. (brief descriptions of software)

MacUser , v3 , n10 , p186(19)

Oct , 1987

ISSN: 0884-0997

Language: ENGLISH Record Type: FULLTEXT

Word Count: 15421 Line Count: 01247

...be customized using other software. Parameter Manager can also import data from Excel or Lotus 1 -2-3. \$495. SMS, 651 River Oaks Parkway, San Jose, CA 95134. NCP (Jul 87...documents in color using the ImageWriter II or ImageWriter I. Paint files set up as overlays are read into ColorPrint, and the program controls proper positioning registration. \$29.95. I/O...

...95. Ann Arbor Softworks, 2393 Teller Rd., Newbury Park, CA 91320. NCP (Jun 86)

GraphicWorks 1.1 is a powerful drawing and painting program that creates high-resolution bit-maps. Easels contain...

...Best suited for letterheads, memos, other business use. \$39.95. Simon & Schuster, Computer Software Div., 1 Gulf & Western Plaza, New York, NY 10023. NCP (Mar 86)

Mac-a-Mug is an...graphics program that started a whole new genre. Still the best freehand graphics tool. Version 1.5 supports 512K+ Macs and the LaserWriter. Multiple tools, patterns and features too numerous to ...

...95. Dreams of the Phoenix, PO Box 10273, Jacksonville, FL 32247. NCP (Oct 86)

PictureBase 1.2 is the updated version of the powerful graphic librarian. You can store paint and...

...Uses its own special graphics and can import Paint files. Hard disk users get version 1.02 or higher. \$79.95. Broderbund, 17 Paul Dr., San Rafael, CA 94903. CP (Sep...)

...395. Letraset, USA, 40 Eisenhower Dr., Paramus, NJ 07652. NCP. (Jul 87)

Slide Show Magician 1.3 is useful for creating full screen audio-visual presentations on the Mac. Frame branching...

...clip art. Also includes the Art Roundup DA, the best art browser/editor yet. Volume 1 or 2, \$39 each; both Volumes, \$59. Available in PictureBase format for \$15 extra per...Language Processing Systems, 190 West 800 North, Provo, UT 84604. NCP (Apr 87)

Macspell+ (version 1.10) is a spelling checker that installs as a desk accessory. Works easily with MacWrite...95. Cortland Computer, PO Box 9916, Berkeley, CA 94709. NCP (May 86)

UTILITIES

Accessory Pak 1 is a set of useful applications and utilities. Paint Cutter alone is worth the price...and Widgets application. The extras alone are worth the price. Requires 512K+. Upgrade from version 1.0, \$7; \$10 with new manual. \$39.95. CE Software, 801 73rd St., Des Moines...

...compare disks, analyze disk structure and make back-up copies of most disks. \$60. Micro Analyst, 2505 Roxmoor, Austin, TX 78723. NCP (Jan 86)

Menu Fonts displays the names of fonts...productivity. This program lets users run several programs at once (up to 8 on a 1-megabyte or larger machine). Switching between the programs is near instantaneous. Requires 512K+. \$19.95...Valencia Ave., Tustin, CA 92680. (Jul 87)

DASCH is an external RAMdisk available in half, 1 and 2M sizes. Connects to a serial port. Speeds up operations 200 to 300%. Can...07728.

One Plus One is a user-installable memory upgrade for a Mac Plus. Adds 1 megabyte of RAM to the 1M already there. Simple one-evening project. Includes MacBreeze, an...
...node. Farallon Computing, 2150 Kittredge St., Berkeley, CA 94704. (Dec 86)

SuperRam 2 and SuperRam 4 are 2- and 4-megabyte RAM upgrades. Should be dealer installed but can be (carefully) user installed. SuperRam 2 includes RAM adaptor module, 1-meg memory module, modified power cable, jumper and fan. SuperRam 4 adds power supply booster and two 1-meg memory modules. Not compatible with most big screens. \$499. SuperMac Technology, 295 N. Bernardo, Mountain View, CA 94043. (Oct 87)

ThunderScan replaces the ribbon cartridge in an ImageWriter, which is required...

? **save temp fidelity**

Temp SearchSave "FIDELITY" stored

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